

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2025

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.6594	3.6750	/Mcf U-21606
DTE Gas Company	Decrease	4.0400	4.0400	/Mcf U-21608
Michigan Gas Utilities Corp	Decrease	4.8185	4.8185	/Mcf U-21610
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	4.6543	4.6543	/Dth U-21614
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.6808	4.9797	/Dth U-21604
Xcel Energy	Unchanged	5.9501	5.9501	/Dth U-21612

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2025

Calendar Year of GCR Factors

	Jan-25 \$/unit	Feb-25 \$/unit	Mar-25 \$/unit	Apr-25 \$/unit	May-25 \$/unit	Jun-25 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.5276	2.5135	2.3828	4.2233	3.8437	3.6594	/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948	4.2233	3.8437	3.6750	/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700	4.1100	4.0800	4.0400	/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700	4.1100	4.0800	4.0400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0478	3.9795	3.9795	4.5023	5.0676	4.8185	/Mcf
-U-21441- As Filed or as Ordered	4.1175	4.1175	4.1175	4.5023	5.0676	4.8185	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.7500	3.9400	3.7300	4.0652	4.8763	4.6543	/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204	4.0652	4.8763	4.6543	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.3522	4.4176	4.2992	5.0112	3.7777	2.6808	/Dth
-U-21435 - As Filed or As Ordered	4.7338	4.7338	4.7338	5.4716	5.2257	4.9797	/Dth
Xcel Energy							
- As Currently Billed	5.0395	5.0395	5.0395	5.9501	5.9501	5.9501	/Dth
-U-21443 - As Filed or as Ordered	5.0395	5.0395	5.0395	5.9501	5.9501	5.9501	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2025

Calendar Year of GCR Factors

	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21437 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21439- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21441- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21445 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21443 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2025

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.54054	+ 0.36594	= 0.90648	\$105.65	17.0%
DTE Gas Company	14.97	0.51137	+ 0.40400	= 0.91537	\$106.51	18.0%
Michigan Gas Utilities Corp	13.00	0.30760	+ 0.48185	= 0.78945	\$91.95	1.9%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	14.67	0.27527	+ 0.46543	= 0.74070	\$88.74	-1.7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.26808	= 0.36672	\$41.67	-53.8%
Xcel Energy	12.00	0.35570	+ 0.59501	= 0.95071	\$107.07	18.6%
AVERAGE RATE	12.44	0.34819	+ 0.43005	= 0.58368	\$90.26	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												June 1, 2025	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.36594 = 0.90648
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.36594 = 0.90648
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
	(\$/month)							(volumetric charges in \$/Mcf)					
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6802	-0.1033	+	4.91470	3.6594 = 9.1510
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6802	-0.0623	+	3.53060	3.6594 = 7.8079
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6802	-0.0466	+	3.30120	3.6594 = 7.5942
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0338	-0.0466	+	3.30120	3.6594 = 6.9478
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												(volumetric charges in \$/Mcf)	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6802	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0338	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6802	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0338	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6802	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0338	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00 (\$/luminaire) (\$/luminaire)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on and after the January 2025 billing month, per U-21557													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344 - REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see	Rate Books											

DTE GAS COMPANY										June 1, 2025	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge			
	See note 4	See note 1	See note 5	See note 2		See note 3					
RESIDENTIAL SERVICE		(\$/month)								'(volumetric charges in \$/Ccf)	
Sales										From Utility	
Residential Service - Rate A	14.50	0.66	0.00	0.028050	+	0.44732	+	0.03600	0.40400	= 0.91537	
Residential Multi Family Rate 2A Class 1	14.50	4.11	+	0.00	0.052890	+	0.44732	+	0.03600	0.40400 = 0.94021	
Residential Multi Family Rate 2A Class 2	50.00	4.11	0.00	0.052890	+	0.44732	+	0.03600	0.40400	= 0.94021	
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)	+	0.02400			per contract	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)								(volumetric charges in \$/Mcf metered)	
Sales										From Utility	
Rate GS-1	50.00	3.06	0.00	0.52890	+	4.0481	+	0.36000	4.0400	= 8.9770	
Rate GS-2 (<100,000 Mcf)	925.00	3.06	0.00	0.52890	+	3.2981	+	0.36000	4.0400	= 8.2270	
Rate GS-2 (>100,000 Mcf)	925.00	3.06	0.00	0.04040	+	3.2981	+	0.36000	4.0400	= 7.7385	
Rate S	270.00	46.03	0.00	0.52890	+	2.6026	+	0.36000	4.0400	= 7.5315	
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)					per contract	
Transportation										From Others	
Rate ST (cost based rate)	2,780.00	151.07	0.00	0.04040		1.3986				per contract	
Maximum (optional)	2,780.00	151.07	0.00	0.0404		2.5672				per contract	
Minimum (optional)	2,780.00	151.07	0.00	0.0404		0.2300				per contract	
Rate LT (cost based rate)	4,980.00	733.48	0.00	0.0404		1.0647				per contract	
Maximum (optional)	4,980.00	733.48	0.00	0.0404		1.8994				per contract	
Minimum (optional)	4,980.00	733.48	0.00	0.0404		0.2300				per contract	
Rate XLT (cost based rate)	14,460.00	4,258.38	0.00	0.0404		0.8418				per contract	
Maximum (optional)	14,460.00	4,258.38	0.00	0.0404		1.5036				per contract	
Minimum (optional)	14,460.00	4,258.38	0.00	0.0404		0.1800				per contract	
Rate XXLT (cost based rate)	178,055.00	2,379.09	0.00	0.0404		0.2873				per contract	
Maximum (optional)	178,055.00	2,379.09	0.00	0.0404		1.5036				per contract	
Minimum (optional)	178,055.00	2,379.09	0.00	0.0404		0.0500				per contract	
EUT Exploratory Program				0.02140							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2025, customers pay the IRM surcharge per U-21291. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2025 and ending December 31, 2025											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. - REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										June 1, 2025	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Rate Realignment	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
		see note 3	see note 1	see note 4	see note 5	see note 2					
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)				(volumetric charges in \$/Ccf metered)			
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.00	0.01933		0.00000	0.00448	0.28379	+(0.41423	+ 0.06762	= 0.48185)= 0.78945	
Customer Choice-Residential alternative suppliers	(see above)			(see above)		N/A	(see above)	From Others per contract	Reservation Charge 0.06762		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	0.00	5.39		0.7134	0.04480	1.86250	+(4.1423	+ 0.6762	= 4.8185)= 7.43920	
Medium General Service	85.00	0.00	14.77	0.00	0.4054	0.04480	1.79810	+(4.1423	+ 0.6762	= 4.8185)= 8.06680	
Large General Service	425.00	0.00	104.27	0.00	0.2618	0.04480	1.63510	+(4.1423	+ 0.6762	= 4.8185)= 6.49840	
GasLight Rate-Commercial			4.77			0.04480	1.86250	+(4.1423	+ 0.6762	= 4.8185)= 6.72580	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)					N/A	(see above)	From Others per contract	Reservation Charge 0.6762		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation											
TR-1	1,940.00	0.00	49.98		-0.06592		1.1200	0.9806			
TR-2	3,188.00	0.00	186.66		-0.31290		0.8581	0.7212			
TR-3	10,500.00	0.00	758.06		-0.23510		0.7057	0.5673			
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.											
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. - Removed											
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED											
Note 5: Rate Realignment Surcharge is effective for the January 2025 though the December 2029 billing months. The surcharge is to be updated every January 1st, per the order in Case No. U-21540.											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY										June 1, 2025	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	1.08	1.34	0.05076	0.22451		+(0.37150	+ 0.09393	= 0.46543	= 0.74070
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others per contract	Balancing and Demand Charge 0.09393		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	2.73	2.21	5.611	1.9556		+(3.71500	+ 0.9393	+ 4.6543	= 12.22090
					0.0001	1.9556		3.71500	0.9393	4.6543	6.61000
General Service (GS-2) (0-9 Dth)		38.80	14.47	8.06	5.611	1.5226		+(3.71500	+ 0.9393	+ 4.6543	= 11.78790
					0.0001	1.5226		3.71500	0.9393	4.6543	6.17700
General Service (GS-3) (0-9 Dth)		116.20	88.15	43.78	5.611	1.1966		+(3.71500	+ 0.9393	+ 4.6543	= 11.46190
					0.0001	1.1966		3.71500	0.9393	4.6543	5.85100
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others per contract	Balancing and Demand Charge 0.93930		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	191.32	125.22	0.41560	75.00	0.01040	per contract	1.0334	0.0344	
					0.0001		0.01040		1.0334	0.0344	
TR-2 (0-2500 Dth)		1,089.15	981.61	635.72	0.41560	75.00	0.01040	per contract	0.8563	0.0344	
					0.0001		0.01040		0.8563	0.0344	
TR-3 (0-2500 Dth)		10,831.50	4832.73	3123.76	0.41560	75.00	0.01040	per contract	0.4669	0.0344	
					0.0001		0.01040		0.4669	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2027.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program		surcharges are in addition to rates above									
Understanding your bill at semcoenergygas.com											
Rates Reference: see		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

June 1, 2025

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.26808	= 0.3667
Seasonal	10.00	0.10174	+ -0.00310	0.26808	= 0.3667
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	2.6808	= 3.5012
Small Seasonal	20.24	0.8514	+ -0.03100	2.6808	= 3.5012
Large	90.59	0.6214	+ -0.03100	2.6808	= 3.2712
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.59501	= 0.9507
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.9501	= 8.1891
Firm (304)	297.36	2.2390	+ 0.0000	5.9501	= 8.1891
Interruptible (303)	93.89	0.8500	+ 0.0000	5.9501	= 6.8001
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after September 1 2024, per U-21562 Note 2: UMERC Credit C removed July 2020. Credit C removed January 2023.					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2025

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.8437	3.8437	/Mcf U-21606
DTE Gas Company	Decrease	4.0800	4.0800	/Mcf U-21608
Michigan Gas Utilities Corp	Increase	5.0676	5.0676	/Mcf U-21610
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	4.8763	4.8763	/Dth U-21614
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.7777	5.2257	/Dth U-21604
Xcel Energy	Unchanged	5.9501	5.9501	/Dth U-21612

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2025

Calendar Year of GCR Factors

	Jan-25 \$/unit	Feb-25 \$/unit	Mar-25 \$/unit	Apr-25 \$/unit	May-25 \$/unit	Jun-25 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.5276	2.5135	2.3828	4.2233	3.8437		/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948	4.2233	3.8437		/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700	4.1100	4.0800		/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700	4.1100	4.0800		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0478	3.9795	3.9795	4.5023	5.0676		/Mcf
-U-21441- As Filed or as Ordered	4.1175	4.1175	4.1175	4.5023	5.0676		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.7500	3.9400	3.7300	4.0652	4.8763		/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204	4.0652	4.8763		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.3522	4.4176	4.2992	5.0112	3.7777		/Dth
-U-21435 - As Filed or As Ordered	4.7338	4.7338	4.7338	5.4716	5.2257		/Dth
Xcel Energy							
- As Currently Billed	5.0395	5.0395	5.0395	5.9501	5.9501		/Dth
-U-21443 - As Filed or as Ordered	5.0395	5.0395	5.0395	5.9501	5.9501		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2025

Calendar Year of GCR Factors

	Jul-25 \$/unit	Aug-25 \$/unit	Sep-25 \$/unit	Oct-25 \$/unit	Nov-25 \$/unit	Dec-25 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-21437 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-21439- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-21441- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-21445 - As Filed or as Ordered							/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-21435 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-21443 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS						May 1, 2025
	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	15.00	0.54054	+ 0.38437	= 0.92491	\$107.49	15.3%
DTE Gas Company	14.97	0.51021	+ 0.40800	= 0.91821	\$106.79	14.5%
Michigan Gas Utilities Corp	13.00	0.30760	+ 0.50676	= 0.81436	\$94.44	1.3%
Presque Isle E. & G. Coop.						(Rates set by local government regulation, not by the MPSC)
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	14.67	0.27527	+ 0.48763	= 0.76290	\$90.96	-2.4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.37777	= 0.47641	\$52.64	-43.5%
Xcel Energy	12.00	0.35570	+ 0.59501	= 0.95071	\$107.07	14.8%
AVERAGE RATE	12.44	0.34799	+ 0.45992	= 0.60594	\$93.23	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												May 1, 2025	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.38437 = 0.92491
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.38437 = 0.92491
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
(\$/month)							(volumetric charges in \$/Mcf)						
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6802	-0.1033	+	4.91470	3.8437 = 9.3353
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6802	-0.0623	+	3.53060	3.8437 = 7.9922
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6802	-0.0466	+	3.30120	3.8437 = 7.7785
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0338	-0.0466	+	3.30120	3.8437 = 7.1321
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												per contract	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6802	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0338	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6802	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0338	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6802	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0338	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00 (\$/luminaire) (\$/luminaire)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on and after the January 2025 billing month, per U-21557													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344 - REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see	Rate Books											

DTE GAS COMPANY										May 1, 2025	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	14.50	0.66	0.00	0.028050	+	0.44616	+	0.03600	0.40800	= 0.91821	
Residential Multi Family Rate 2A Class 1	14.50	4.11	+	0.00	0.052890	+	0.44616	+	0.03600	0.40800 = 0.94305	
Residential Multi Family Rate 2A Class 2	50.00	4.11	0.00	0.052890	+	0.44616	+	0.03600	0.40800	= 0.94305	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	50.00	3.06	0.00	0.52890	+	4.0371	+	0.36000	4.0800	= 9.0060	
Rate GS-2 (<100,000 Mcf)	925.00	3.06	0.00	0.52890	+	3.2871	+	0.36000	4.0800	= 8.2560	
Rate GS-2 (>100,000 Mcf)	925.00	3.06	0.00	0.04040	+	3.2871	+	0.36000	4.0800	= 7.7675	
Rate S	270.00	46.03	0.00	0.52890	+	2.5916	+	0.36000	4.0800	= 7.5605	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	151.07	0.00	0.04040		1.3997			per contract		
Maximum (optional)	2,780.00	151.07	0.00	0.0404		2.5695			per contract		
Minimum (optional)	2,780.00	151.07	0.00	0.0404		0.2300			per contract		
Rate LT (cost based rate)	4,995.00	733.48	0.00	0.0404		1.0640			per contract		
Maximum (optional)	4,995.00	733.48	0.00	0.0404		1.8981			per contract		
Minimum (optional)	4,995.00	733.48	0.00	0.0404		0.2300			per contract		
Rate XLT (cost based rate)	14,460.00	4,258.38	0.00	0.0404		0.8414			per contract		
Maximum (optional)	14,460.00	4,258.38	0.00	0.0404		1.5027			per contract		
Minimum (optional)	14,460.00	4,258.38	0.00	0.0404		0.1800			per contract		
Rate XXLT (cost based rate)	177,935.00	2,379.09	0.00	0.0404		0.2873			per contract		
Maximum (optional)	177,935.00	2,379.09	0.00	0.0404		1.5027			per contract		
Minimum (optional)	177,935.00	2,379.09	0.00	0.0404		0.0500			per contract		
EUT Exploratory Program				0.02140							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2025, customers pay the IRM surcharge per U-21291. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2025 and ending December 31, 2025											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. - REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

SEMCO ENERGY GAS COMPANY										May 1, 2025	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge				Total Charge
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	1.08	1.34	0.05076	0.22451		+(0.39370	+ 0.09393	= 0.48763	= 0.76290
Customer Choice-Residential alternative suppliers		(see above)				(see above)		+ From Others per contract	+ Balancing and Demand Charge 0.09393		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	2.73	2.21	5.611	1.9556		+(3.93700	+ 0.9393	+ 4.8763	= 12.44290
					0.0001	1.9556		3.93700	0.9393	4.8763	6.83200
General Service (GS-2) (0-9 Dth)		38.80	14.47	8.06	5.611	1.5226		+(3.93700	+ 0.9393	+ 4.8763	= 12.00990
					0.0001	1.5226		3.93700	0.9393	4.8763	6.39900
General Service (GS-3) (0-9 Dth)		116.20	88.15	43.78	5.611	1.1966		+(3.93700	+ 0.9393	+ 4.8763	= 11.68390
					0.0001	1.1966		3.93700	0.9393	4.8763	6.07300
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		+ From Others per contract	+ Balancing and Demand Charge 0.93930		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	191.32	125.22	0.41560	75.00	0.01040	per contract	1.0334	0.0344	
					0.0001		0.01040		1.0334	0.0344	
TR-2 (0-2500 Dth)		1,089.15	981.61	635.72	0.41560	75.00	0.01040	per contract	0.8563	0.0344	
					0.0001		0.01040		0.8563	0.0344	
TR-3 (0-2500 Dth)		10,831.50	4832.73	3123.76	0.41560	75.00	0.01040	per contract	0.4669	0.0344	
					0.0001		0.01040		0.4669	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2027.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program		surcharges are in addition to rates above									
Understanding your bill at semcoenergygas.com											
Rates Reference: see		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

May 1, 2025

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.37777	= 0.4764
Seasonal	10.00	0.10174	+ -0.00310	0.37777	= 0.4764
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	3.7777	= 4.5981
Small Seasonal	20.24	0.8514	+ -0.03100	3.7777	= 4.5981
Large	90.59	0.6214	+ -0.03100	3.7777	= 4.3681
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.59501	= 0.9507
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.9501	= 8.1891
Firm (304)	297.36	2.2390	+ 0.0000	5.9501	= 8.1891
Interruptible (303)	93.89	0.8500	+ 0.0000	5.9501	= 6.8001
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500
Rates Reference: Rate Information at xcelenergy.com					
Note 1: UMERC EWR Surcharge effective on and after September 1 2024, per U-21562					
Note 2: UMERC Credit C removed July 2020. Credit C removed January 2023.					

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

Contact Aurora Gas Co

CITIZENS GAS FUEL COMPANY *

Contact Citizens Gas Fuel Co

SUPERIOR ENERGY COMPANY *

Contact Superior Energy Co

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2025

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	4.2233	4.2233	/Mcf U-21606
DTE Gas Company	Increase	4.1100	4.1100	/Mcf U-21608
Michigan Gas Utilities Corp	Increase	4.5023	4.5023	/Mcf U-21610
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	4.0652	4.0652	/Dth U-21614
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	5.0112	5.4716	/Dth U-21604
Xcel Energy	Increase	5.9501	5.9501	/Dth U-21612

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2025

Calendar Year of GCR Factors

	Jan-25 \$/unit	Feb-25 \$/unit	Mar-25 \$/unit	Apr-25 \$/unit	May-25 \$/unit	Jun-25 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.5276	2.5135	2.3828	4.2233			/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948	4.2233			/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700	4.1100			/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700	4.1100			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0478	3.9795	3.9795	4.5023			/Mcf
-U-21441- As Filed or as Ordered	4.1175	4.1175	4.1175	4.5023			/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.7500	3.9400	3.7300	4.0652			/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204	4.0652			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.3522	4.4176	4.2992	5.0112			/Dth
-U-21435 - As Filed or As Ordered	4.7338	4.7338	4.7338	5.4716			/Dth
Xcel Energy							
- As Currently Billed	5.0395	5.0395	5.0395	5.9501			/Dth
-U-21443 - As Filed or as Ordered	5.0395	5.0395	5.0395	5.9501			/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2025

Calendar Year of GCR Factors

	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21437 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21439- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21441- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21445 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21443 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2025

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.54054	+ 0.42233	= 0.96287	\$111.29	18.8%
DTE Gas Company	14.97	0.51021	+ 0.41100	= 0.92121	\$107.09	14.3%
Michigan Gas Utilities Corp	13.00	0.30760	+ 0.45023	= 0.75783	\$88.78	-5.2%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	14.67	0.27527	+ 0.40652	= 0.68179	\$82.85	-11.6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.50112	= 0.59976	\$64.98	-30.6%
Xcel Energy	12.00	0.35570	+ 0.59501	= 0.95071	\$107.07	14.3%
AVERAGE RATE	12.44	0.34799	+ 0.46437	= 0.60927	\$93.68	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												April 1, 2025	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.42233 = 0.96287
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.42233 = 0.96287
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
	(\$/month)							(volumetric charges in \$/Mcf)					
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6802	-0.1033	+	4.91470	4.2233 = 9.7149
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6802	-0.0623	+	3.53060	4.2233 = 8.3718
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6802	-0.0466	+	3.30120	4.2233 = 8.1581
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0338	-0.0466	+	3.30120	4.2233 = 7.5117
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												per contract	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6802	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0338	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6802	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0338	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6802	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0338	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00 (\$/luminaire) (\$/luminaire)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on and after the January 2025 billing month, per U-21557													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see						Rate Books						

DTE GAS COMPANY										April 1, 2025	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	14.50	0.66	0.00	0.028050	+	0.44616	+	0.03600	0.41100	= 0.92121	
Residential Multi Family Rate 2A Class 1	14.50	4.11	+	0.00	0.052890	+	0.44616	+	0.03600	0.41100 = 0.94605	
Residential Multi Family Rate 2A Class 2	50.00	4.11	0.00	0.052890	+	0.44616	+	0.03600	0.41100	= 0.94605	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	50.00	3.06	0.00	0.52890	+	4.0371	+	0.36000	4.1100	= 9.0360	
Rate GS-2 (<100,000 Mcf)	925.00	3.06	0.00	0.52890	+	3.2871	+	0.36000	4.1100	= 8.2860	
Rate GS-2 (>100,000 Mcf)	925.00	3.06	0.00	0.04040	+	3.2871	+	0.36000	4.1100	= 7.7975	
Rate S	270.00	46.03	0.00	0.52890	+	2.5916	+	0.36000	4.1100	= 7.5905	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	151.07	0.00	0.04040		1.3997			per contract		
Maximum (optional)	2,780.00	151.07	0.00	0.0404		2.5695			per contract		
Minimum (optional)	2,780.00	151.07	0.00	0.0404		0.2300			per contract		
Rate LT (cost based rate)	4,995.00	733.48	0.00	0.0404		1.0640			per contract		
Maximum (optional)	4,995.00	733.48	0.00	0.0404		1.8981			per contract		
Minimum (optional)	4,995.00	733.48	0.00	0.0404		0.2300			per contract		
Rate XLT (cost based rate)	14,460.00	4,258.38	0.00	0.0404		0.8414			per contract		
Maximum (optional)	14,460.00	4,258.38	0.00	0.0404		1.5027			per contract		
Minimum (optional)	14,460.00	4,258.38	0.00	0.0404		0.1800			per contract		
Rate XXL (cost based rate)	177,935.00	2,379.09	0.00	0.0404		0.2873			per contract		
Maximum (optional)	177,935.00	2,379.09	0.00	0.0404		1.5027			per contract		
Minimum (optional)	177,935.00	2,379.09	0.00	0.0404		0.0500			per contract		
EUT Exploratory Program				0.02140							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2025, customers pay the IRM surcharge per U-21291. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2025 and ending December 31, 2025											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										April 1, 2025	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Rate Realignment	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
		see note 3	see note 1	see note 4	see note 5	see note 2					
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)						
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.00	0.01933		0.00000	0.00448	0.28379	+(0.38261	+ 0.06762	= 0.45023)= 0.75783	
Customer Choice-Residential alternative suppliers	(see above)			(see above)		N/A	(see above)	+ From Others per contract	+ 0.06762		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)								
										(volumetric charges in \$/Mcf metered)	
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.00	5.39		0.7134	0.04480	1.86250	+(3.8261	+ 0.6762	= 4.5023)= 7.12300	
Medium General Service	85.00	0.00	14.77	0.00	0.4054	0.04480	1.79810	+(3.8261	+ 0.6762	= 4.5023)= 7.75060	
Large General Service	425.00	0.00	104.27	0.00	0.2618	0.04480	1.63510	+(3.8261	+ 0.6762	= 4.5023)= 6.18220	
GasLight Rate-Commercial			4.77			0.04480	1.86250	+(3.8261	+ 0.6762	= 4.5023)= 6.40960	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)					N/A	(see above)	+ From Others per contract	+ 0.6762		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation		\$/mo									
TR-1	1,940.00	0.00	49.98		-0.06592		1.1200	0.9806			
TR-2	3,188.00	0.00	186.66		-0.31290		0.8581	0.7212			
TR-3	10,500.00	0.00	758.06		-0.23510		0.7057	0.5673			
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.											
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed											
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED											
Note 5: Rate Realignment Surcharge is effective for the January 2025 though the December 2029 billing months. The surcharge is to be updated every January 1st, per the order in Case No. U-21540.											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY										April 1, 2025	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge				Total Charge
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	1.08	1.34	0.05076	0.22451		+(0.31262	+ 0.09390	= 0.40652	= 0.68179
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	15.00	2.73	2.21	5.611	1.9556		+(3.12620	+ 0.9390	+ 4.0652	= 11.63180
	(>9 Dth)				0.0001	1.9556		3.12620	0.9390	4.0652	6.02090
General Service (GS-2)	(0-9 Dth)	38.80	14.47	8.06	5.611	1.5226		+(3.12620	+ 0.9390	+ 4.0652	= 11.19880
	(>9 Dth)				0.0001	1.5226		3.12620	0.9390	4.0652	5.58790
General Service (GS-3)	(0-9 Dth)	116.20	88.15	43.78	5.611	1.1966		+(3.12620	+ 0.9390	+ 4.0652	= 10.87280
	(>9 Dth)				0.0001	1.1966		3.12620	0.9390	4.0652	5.26190
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.93900		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge		Balancing Recovery Rate
TR-1	(0-2500 Dth)	350.00	191.32	125.22	0.41560	75.00	0.01040	per contract	\$/Dth 1.0334		\$/Dth 0.0344
	(>2500 Dth)				0.0001		0.01040		1.0334		0.0344
TR-2	(0-2500 Dth)	1,089.15	981.61	635.72	0.41560	75.00	0.01040	per contract	0.8563		0.0344
	(>2500 Dth)				0.0001		0.01040		0.8563		0.0344
TR-3	(0-2500 Dth)	10,831.50	4832.73	3123.76	0.41560	75.00	0.01040	per contract	0.4669		0.0344
	(>2500 Dth)				0.0001		0.01040		0.4669		0.0344
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: EWR charge effective on and after October 1, 2024											
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2027.											
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.											
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see surcharges are in addition to rates above											
Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.50112	= 0.5998
Seasonal	10.00	0.10174	+ -0.00310	0.50112	= 0.5998
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	5.0112	= 5.8316
Small Seasonal	20.24	0.8514	+ -0.03100	5.0112	= 5.8316
Large	90.59	0.6214	+ -0.03100	5.0112	= 5.6016
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.59501	= 0.9507
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.9501	= 8.1891
Firm (304)	297.36	2.2390	+ 0.0000	5.9501	= 8.1891
Interruptible (303)	93.89	0.8500	+ 0.0000	5.9501	= 6.8001
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500
Rates Reference: Rate Information at xcelenergy.com					
Note 1: UMERC EWR Surcharge effective on and after September 1 2024, per U-21562					
Note 2: UMERC Credit C removed July 2020. Credit C removed January 2023.					

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

Contact Aurora Gas Co

CITIZENS GAS FUEL COMPANY *

Contact Citizens Gas Fuel Co

SUPERIOR ENERGY COMPANY *

Contact Superior Energy Co

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2025

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.3828	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Unchanged	3.9795	4.1175	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.7300	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	4.2992	4.7338	/Dth U-21604
Xcel Energy	Unchanged	5.0395	5.0395	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2025

Calendar Year of GCR Factors

	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.5276	2.5135	2.3828				/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948				/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700				/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0478	3.9795	3.9795				/Mcf
-U-21441- As Filed or as Ordered	4.1175	4.1175	4.1175				/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.7500	3.9400	3.7300				/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204				/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.3522	4.4176	4.2992				/Dth
-U-21435 - As Filed or As Ordered	4.7338	4.7338	4.7338				/Dth
Xcel Energy							
- As Currently Billed	5.0395	5.0395	5.0395				/Dth
-U-21443 - As Filed or as Ordered	5.0395	5.0395	5.0395				/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2025

Calendar Year of GCR Factors

	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21437 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21439- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21441- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21445 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21443 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2025

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.54054	+ 0.23828	= 0.77882	\$92.88	8.1%
DTE Gas Company	14.97	0.50921	+ 0.37700	= 0.88621	\$103.59	20.6%
Michigan Gas Utilities Corp	13.00	0.30760	+ 0.39795	= 0.70555	\$83.56	-2.7%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	14.67	0.27527	+ 0.37300	= 0.64827	\$79.50	-7.4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.42992	= 0.52856	\$57.86	-32.6%
Xcel Energy	12.00	0.35570	+ 0.50395	= 0.85965	\$97.97	14.1%
AVERAGE RATE	12.44	0.34783	+ 0.38668	= 0.55088	\$85.89	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												March 1, 2025	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.23828 = 0.77882
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.23828 = 0.77882
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6802	-0.1033	+	4.91470	2.3828 = 7.8744
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6802	-0.0623	+	3.53060	2.3828 = 6.5313
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6802	-0.0466	+	3.30120	2.3828 = 6.3176
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0338	-0.0466	+	3.30120	2.3828 = 5.6712
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												per contract	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6802	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0338	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6802	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0338	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6802	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0338	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00													
Outdoor Gas Light - Rate GL												(\$/luminaire)	
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on and after the January 2025 billing month, per U-21557													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see						Rate Books						

DTE GAS COMPANY										March 1, 2025	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	14.50	0.66	0.00	0.028050	+	0.44616	+	0.03500	0.37700	= 0.88621	
Residential Multi Family Rate 2A Class 1	14.50	4.11	+	0.00	0.052890	+	0.44616	+	0.03500	0.37700 = 0.91105	
Residential Multi Family Rate 2A Class 2	50.00	4.11	0.00	0.052890	+	0.44616	+	0.03500	0.37700	= 0.91105	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	50.00	3.06	0.00	0.52890	+	4.0371	+	0.35000	3.7700	= 8.6860	
Rate GS-2 (<100,000 Mcf)	925.00	3.06	0.00	0.52890	+	3.2871	+	0.35000	3.7700	= 7.9360	
Rate GS-2 (>100,000 Mcf)	925.00	3.06	0.00	0.04040	+	3.2871	+	0.35000	3.7700	= 7.4475	
Rate S	270.00	46.03	0.00	0.52890	+	2.5916	+	0.35000	3.7700	= 7.2405	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	151.07	0.00	0.04040		1.3997			per contract		
Maximum (optional)	2,780.00	151.07	0.00	0.0404		2.5695			per contract		
Minimum (optional)	2,780.00	151.07	0.00	0.0404		0.2300			per contract		
Rate LT (cost based rate)	4,995.00	733.48	0.00	0.0404		1.0640			per contract		
Maximum (optional)	4,995.00	733.48	0.00	0.0404		1.8981			per contract		
Minimum (optional)	4,995.00	733.48	0.00	0.0404		0.2300			per contract		
Rate XLT (cost based rate)	14,460.00	4,258.38	0.00	0.0404		0.8414			per contract		
Maximum (optional)	14,460.00	4,258.38	0.00	0.0404		1.5027			per contract		
Minimum (optional)	14,460.00	4,258.38	0.00	0.0404		0.1800			per contract		
Rate XXLT (cost based rate)	177,935.00	2,379.09	0.00	0.0404		0.2873			per contract		
Maximum (optional)	177,935.00	2,379.09	0.00	0.0404		1.5027			per contract		
Minimum (optional)	177,935.00	2,379.09	0.00	0.0404		0.0500			per contract		
EUT Exploratory Program				0.02140							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2025, customers pay the IRM surcharge per U-21291. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2025 and ending December 31, 2025											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.										March 1, 2025	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Rate Realignment	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
		see note 3	see note 1	see note 4	see note 5	see note 2					
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)						
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.00	0.01933		0.00000	0.00448	0.28379	+(0.34583	+ 0.05212	= 0.39795)= 0.70555	
Customer Choice-Residential alternative suppliers	(see above)			(see above)		N/A	(see above)	From Others per contract	Reservation Charge 0.05212		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)		(volumetric charges in \$/Mcf metered)						
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	0.00	5.39		0.7134	0.04480	1.86250	+(3.4583	+ 0.5212	= 3.9795)= 6.60020	
Medium General Service	85.00	0.00	14.77	0.00	0.4054	0.04480	1.79810	+(3.4583	+ 0.5212	= 3.9795)= 7.22780	
Large General Service	425.00	0.00	104.27	0.00	0.2618	0.04480	1.63510	+(3.4583	+ 0.5212	= 3.9795)= 5.65940	
GasLight Rate-Commercial			4.77			0.04480	1.86250	+(3.4583	+ 0.5212	= 3.9795)= 5.88680	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)					N/A	(see above)	From Others per contract	Reservation Charge 0.5212		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation	\$/mo										
TR-1	1,940.00	0.00	49.98		-0.06592		1.1200	0.9806			
TR-2	3,188.00	0.00	186.66		-0.31290		0.8581	0.7212			
TR-3	10,500.00	0.00	758.06		-0.23510		0.7057	0.5673			
<p>Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.</p> <p>Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed</p> <p>Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED</p> <p>Note 5: Rate Realignment Surcharge is effective for the January 2025 though the December 2029 billing months. The surcharge is to be updated every January 1st, per the order in Case No. U-21540.</p>											
<p>Customer Attachment Program</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p> <p>surcharges are in addition to rates above</p>											

SEMCO ENERGY GAS COMPANY										March 1, 2025	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	1.08	1.34	0.05076	0.22451		+(0.27910	+ 0.09390	= 0.37300)= 0.64827	
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others per contract	Balancing and Demand Charge 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	2.73	2.21	5.611	1.9556		+(2.79100	+ 0.9390	+ 3.7300)= 11.29660	
					0.0001	1.9556		2.79100	0.9390	3.7300 5.68570	
General Service (GS-2) (0-9 Dth)		38.80	14.47	8.06	5.611	1.5226		+(2.79100	+ 0.9390	+ 3.7300)= 10.86360	
					0.0001	1.5226		2.79100	0.9390	3.7300 5.25270	
General Service (GS-3) (0-9 Dth)		116.20	88.15	43.78	5.611	1.1966		+(2.79100	+ 0.9390	+ 3.7300)= 10.53760	
					0.0001	1.1966		2.79100	0.9390	3.7300 4.92670	
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others per contract	Balancing and Demand Charge 0.93900		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge \$/Dth	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge \$/Dth	From Others	Distribution Charge \$/Dth	Balancing Recovery Rate \$/Dth	
TR-1 (0-2500 Dth)		350.00	191.32	125.22	0.41560	75.00	0.03390	per contract	1.0334	0.0344	
					0.0001		0.03390		1.0334	0.0344	
TR-2 (0-2500 Dth)		1,089.15	981.61	635.72	0.41560	75.00	0.03390	per contract	0.8563	0.0344	
					0.0001		0.03390		0.8563	0.0344	
TR-3 (0-2500 Dth)		10,831.50	4832.73	3123.76	0.41560	75.00	0.03390	per contract	0.4669	0.0344	
					0.0001		0.03390		0.4669	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2027.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program		surcharges are in addition to rates above									
Understanding your bill at semcoenergygas.com											
Rates Reference: see		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

March 1, 2025

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.42992	= 0.5286
Seasonal	10.00	0.10174	+ -0.00310	0.42992	= 0.5286
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	4.2992	= 5.1196
Small Seasonal	20.24	0.8514	+ -0.03100	4.2992	= 5.1196
Large	90.59	0.6214	+ -0.03100	4.2992	= 4.8896
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.50395	= 0.8597
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.0395	= 7.2785
Firm (304)	297.36	2.2390	+ 0.0000	5.0395	= 7.2785
Interruptible (303)	93.89	0.8500	+ 0.0000	5.0395	= 5.8895
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500
Rates Reference: Rate Information at xcelenergy.com					
Note 1: UMERC EWR Surcharge effective on and after September 1 2024, per U-21562					
Note 2: UMERC Credit C removed July 2020. Credit C removed January 2023.					

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

Contact Aurora Gas Co

CITIZENS GAS FUEL COMPANY *

Contact Citizens Gas Fuel Co

SUPERIOR ENERGY COMPANY *

Contact Superior Energy Co

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2025

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.5135	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Decrease	3.9795	4.1175	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	3.9400	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.4176	4.7338	/Dth U-21604
Xcel Energy	Unchanged	5.0395	5.0395	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2025

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.54054	+ 0.25135	= 0.79189	\$94.19	8.7%
DTE Gas Company	14.97	0.50921	+ 0.37700	= 0.88621	\$103.59	19.5%
Michigan Gas Utilities Corp	13.00	0.30760	+ 0.39795	= 0.70555	\$83.56	-3.6%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	14.67	0.27527	+ 0.39400	= 0.66927	\$81.60	-5.8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.44176	= 0.54040	\$59.04	-31.9%
Xcel Energy	12.00	0.35570	+ 0.50395	= 0.85965	\$97.97	13.1%
AVERAGE RATE	12.44	0.34783	+ 0.39434	= 0.55662	\$86.66	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2025

Calendar Year of GCR Factors

	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company							
- As Currently Billed	2.5276	2.5135					/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948					/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700					/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700					/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0478	3.9795					/Mcf
-U-21441- As Filed or as Ordered	4.1175	4.1175					/Mcf
Presque Isle E. & G. Coop. *			(Rates set by local government regulation, not by the MPSC)				
SEMCO Energy Gas Company							
- As Currently Billed	3.7500	3.9400					/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204					/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)				
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.3522	4.4176					/Dth
-U-21435 - As Filed or As Ordered	4.7338	4.7338					/Dth
Xcel Energy							
- As Currently Billed	5.0395	5.0395					/Dth
-U-21443 - As Filed or as Ordered	5.0395	5.0395					/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2025

Calendar Year of GCR Factors

	Jul-25 \$/unit	Aug-25 \$/unit	Sep-25 \$/unit	Oct-25 \$/unit	Nov-25 \$/unit	Dec-25 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21437 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21439- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21441- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21445 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21443 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												February 1, 2025	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.25135 = 0.79189
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.25135 = 0.79189
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6802	-0.1033	+	4.91470	2.5135 = 8.0051
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6802	-0.0623	+	3.53060	2.5135 = 6.6620
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6802	-0.0466	+	3.30120	2.5135 = 6.4483
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0338	-0.0466	+	3.30120	2.5135 = 5.8019
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												per contract	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6802	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0338	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6802	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0338	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6802	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0338	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00 (\$/luminaire) (\$/luminaire)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on and after the January 2025 billing month, per U-21557													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see	Rate Books											

DTE GAS COMPANY										February 1, 2025	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				*(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	14.50	0.66	0.00	0.028050	+	0.44616	+	0.03500	0.37700	= 0.88621	
Residential Multi Family Rate 2A Class 1	14.50	4.11	+	0.00	0.052890	+	0.44616	+	0.03500	0.37700 = 0.91105	
Residential Multi Family Rate 2A Class 2	50.00	4.11	0.00	0.052890	+	0.44616	+	0.03500	0.37700	= 0.91105	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	50.00	3.06	0.00	0.52890	+	4.0371	+	0.35000	3.7700	= 8.6860	
Rate GS-2 (<100,000 Mcf)	925.00	3.06	0.00	0.52890	+	3.2871	+	0.35000	3.7700	= 7.9360	
Rate GS-2 (>100,000 Mcf)	925.00	3.06	0.00	0.04040	+	3.2871	+	0.35000	3.7700	= 7.4475	
Rate S	270.00	46.03	0.00	0.52890	+	2.5916	+	0.35000	3.7700	= 7.2405	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	151.07	0.00	0.04040		1.3997			per contract		
Maximum (optional)	2,780.00	151.07	0.00	0.0404		2.5695			per contract		
Minimum (optional)	2,780.00	151.07	0.00	0.0404		0.2300			per contract		
Rate LT (cost based rate)	4,995.00	733.48	0.00	0.0404		1.0640			per contract		
Maximum (optional)	4,995.00	733.48	0.00	0.0404		1.8981			per contract		
Minimum (optional)	4,995.00	733.48	0.00	0.0404		0.2300			per contract		
Rate XLT (cost based rate)	14,460.00	4,258.38	0.00	0.0404		0.8414			per contract		
Maximum (optional)	14,460.00	4,258.38	0.00	0.0404		1.5027			per contract		
Minimum (optional)	14,460.00	4,258.38	0.00	0.0404		0.1800			per contract		
Rate XXL (cost based rate)	177,935.00	2,379.09	0.00	0.0404		0.2873			per contract		
Maximum (optional)	177,935.00	2,379.09	0.00	0.0404		1.5027			per contract		
Minimum (optional)	177,935.00	2,379.09	0.00	0.0404		0.0500			per contract		
EUT Exploratory Program				0.02140							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2025, customers pay the IRM surcharge per U-21291. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2025 and ending December 31, 2025											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.										February 1, 2025	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Rate Realignment	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
		see note 3	see note 1	see note 4	see note 5	see note 2					
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)						
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.00	0.01933		0.00000	0.00448	0.28379	+(0.34583	+ 0.05212	= 0.39795)= 0.70555	
Customer Choice-Residential alternative suppliers	(see above)			(see above)		N/A	(see above)	+ From Others per contract	+ Reservation Charge 0.05212		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)		(volumetric charges in \$/Mcf metered)						
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	0.00	5.39		0.7134	0.04480	1.86250	+(3.4583	+ 0.5212	= 3.9795)= 6.60020	
Medium General Service	85.00	0.00	14.77	0.00	0.4054	0.04480	1.79810	+(3.4583	+ 0.5212	= 3.9795)= 7.22780	
Large General Service	425.00	0.00	104.27	0.00	0.2618	0.04480	1.63510	+(3.4583	+ 0.5212	= 3.9795)= 5.65940	
GasLight Rate-Commercial			4.77			0.04480	1.86250	+(3.4583	+ 0.5212	= 3.9795)= 5.88680	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)					N/A	(see above)	+ From Others per contract	+ Reservation Charge 0.5212		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation	\$/mo										
TR-1	1,940.00	0.00	49.98		-0.06592		1.1200	0.9806			
TR-2	3,188.00	0.00	186.66		-0.31290		0.8581	0.7212			
TR-3	10,500.00	0.00	758.06		-0.23510		0.7057	0.5673			
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.											
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed											
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED											
Note 5: Rate Realignment Surcharge is effective for the January 2025 though the December 2029 billing months. The surcharge is to be updated every January 1st, per the order in Case No. U-21540.											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY										February 1, 2025	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	1.08	1.34	0.05076	0.22451		+(0.30010	+ 0.09390	= 0.39400	= 0.66927
Customer Choice-Residential alternative suppliers		(see above)				(see above)		+ From Others per contract	+ Balancing and Demand Charge 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	2.73	2.21	5.611	1.9556		+(3.00100	+ 0.9390	+ 3.9400	= 11.50660
					0.0001	1.9556		3.00100	0.9390	3.9400	5.89570
General Service (GS-2) (0-9 Dth)		38.80	14.47	8.06	5.611	1.5226		+(3.00100	+ 0.9390	+ 3.9400	= 11.07360
					0.0001	1.5226		3.00100	0.9390	3.9400	5.46270
General Service (GS-3) (0-9 Dth)		116.20	88.15	43.78	5.611	1.1966		+(3.00100	+ 0.9390	+ 3.9400	= 10.74760
					0.0001	1.1966		3.00100	0.9390	3.9400	5.13670
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		+ From Others per contract	+ Balancing and Demand Charge 0.93900		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	191.32	125.22	0.41560	75.00	0.03390	per contract	1.0334	0.0344	
					0.0001		0.03390		1.0334	0.0344	
TR-2 (0-2500 Dth)		1,089.15	981.61	635.72	0.41560	75.00	0.03390	per contract	0.8563	0.0344	
					0.0001		0.03390		0.8563	0.0344	
TR-3 (0-2500 Dth)		10,831.50	4832.73	3123.76	0.41560	75.00	0.03390	per contract	0.4669	0.0344	
					0.0001		0.03390		0.4669	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2027.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program		surcharges are in addition to rates above									
Understanding your bill at semcoenergygas.com											
Rates Reference: see		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

February 1, 2025

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.44176	= 0.5404
Seasonal	10.00	0.10174	+ -0.00310	0.44176	= 0.5404
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	4.4176	= 5.2380
Small Seasonal	20.24	0.8514	+ -0.03100	4.4176	= 5.2380
Large	90.59	0.6214	+ -0.03100	4.4176	= 5.0080
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.50395	= 0.8597
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.0395	= 7.2785
Firm (304)	297.36	2.2390	+ 0.0000	5.0395	= 7.2785
Interruptible (303)	93.89	0.8500	+ 0.0000	5.0395	= 5.8895
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after September 1 2024, per U-21562**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.**AMERIGAS EAGLE PROPANE L.P.**[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2025

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.5276	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Decrease	4.0478	4.1175	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.7500	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.3522	4.7338	/Dth U-21604
Xcel Energy	Decrease	5.0395	5.0395	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2025

Calendar Year of GCR Factors

	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.5276					/Mcf
-U-21437 - As Filed or as Ordered	3.1948					/Mcf
DTE Gas Company						
- As Currently Billed	3.7700					/Mcf
-U-21439- As Filed or As Ordered	3.7700					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0478					/Mcf
-U-21441- As Filed or as Ordered	4.1175					/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed	3.7500					/Dth
-U-21445 - As Filed or as Ordered	4.0204					/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.3522					/Dth
-U-21435 - As Filed or As Ordered	4.7338					/Dth
Xcel Energy						
- As Currently Billed	5.0395					/Dth
-U-21443 - As Filed or as Ordered	5.0395					/Dth

GAS COST RECOVERY FACTOR HISTORY

January 1, 2025

Calendar Year of GCR Factors

	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21437 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21439- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21441- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21445 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21443 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2025

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.54054	+ 0.25276	= 0.79330	\$94.33	9.2%
DTE Gas Company	14.97	0.50921	+ 0.37700	= 0.88621	\$103.59	19.9%
Michigan Gas Utilities Corp	13.00	0.30760	+ 0.40478	= 0.71238	\$84.24	-2.5%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	14.67	0.27527	+ 0.37500	= 0.65027	\$79.70	-7.7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.43522	= 0.53386	\$58.39	-32.4%
Xcel Energy	12.00	0.35570	+ 0.50395	= 0.85965	\$97.97	13.4%
AVERAGE RATE	12.44	0.34783	+ 0.39145	= 0.55446	\$86.37	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												January 1, 2025	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.25276 = 0.79330
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03532	-0.01428	+	0.51950	0.25276 = 0.79330
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6802	-0.1033	+	4.91470	2.5276 = 8.0192
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6802	-0.0623	+	3.53060	2.5276 = 6.6761
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6802	-0.0466	+	3.30120	2.5276 = 6.4624
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0338	-0.0466	+	3.30120	2.5276 = 5.8160
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												per contract	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6802	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0338	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6802	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0338	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6802	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0338	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00 (\$/luminaire) (\$/luminaire)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on and after the January 2025 billing month, per U-21557													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference: see Rate Books													

DTE GAS COMPANY										January 1, 2025	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1	See note 5	See note 2			See note 3				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	14.50	0.66	0.00	0.028050	+	0.44616	+	0.03500	0.37700	=	0.88621
Residential Multi Family Rate 2A Class 1	14.50	4.11	+	0.00	0.052890	+	0.44616	+	0.03500	0.37700	= 0.91105
Residential Multi Family Rate 2A Class 2	50.00	4.11	0.00	0.052890	+	0.44616	+	0.03500	0.37700	=	0.91105
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400			per contract
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	50.00	3.06	0.00	0.52890	+	4.0371	+	0.35000	3.7700	=	8.6860
Rate GS-2 (<100,000 Mcf)	925.00	3.06	0.00	0.52890	+	3.2871	+	0.35000	3.7700	=	7.9360
Rate GS-2 (>100,000 Mcf)	925.00	3.06	0.00	0.04040	+	3.2871	+	0.35000	3.7700	=	7.4475
Rate S	270.00	46.03	0.00	0.52890	+	2.5916	+	0.35000	3.7700	=	7.2405
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)					per contract
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	151.07	0.00	0.04040		1.3997					per contract
Maximum (optional)	2,780.00	151.07	0.00	0.0404		2.5695					per contract
Minimum (optional)	2,780.00	151.07	0.00	0.0404		0.2300					per contract
Rate LT (cost based rate)	4,995.00	733.48	0.00	0.0404		1.0640					per contract
Maximum (optional)	4,995.00	733.48	0.00	0.0404		1.8981					per contract
Minimum (optional)	4,995.00	733.48	0.00	0.0404		0.2300					per contract
Rate XLT (cost based rate)	14,460.00	4,258.38	0.00	0.0404		0.8414					per contract
Maximum (optional)	14,460.00	4,258.38	0.00	0.0404		1.5027					per contract
Minimum (optional)	14,460.00	4,258.38	0.00	0.0404		0.1800					per contract
Rate XXL (cost based rate)	177,935.00	2,379.09	0.00	0.0404		0.2873					per contract
Maximum (optional)	177,935.00	2,379.09	0.00	0.0404		1.5027					per contract
Minimum (optional)	177,935.00	2,379.09	0.00	0.0404		0.0500					per contract
EUT Exploratory Program				0.02140							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2025, customers pay the IRM surcharge per U-21291. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2025 and ending December 31, 2025											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

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SEMCO ENERGY GAS COMPANY										January 1, 2025	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	1.08	1.34	0.05076	0.22451		+(0.28110	+ 0.09390	= 0.37500	)= 0.65027
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	2.73	2.21	5.611	1.9556		+(2.81100	+ 0.9390	+ 3.7500	)= 11.31660
					0.0001	1.9556		2.81100	0.9390	3.7500	5.70570
General Service (GS-2) (0-9 Dth)		38.80	14.47	8.06	5.611	1.5226		+(2.81100	+ 0.9390	+ 3.7500	)= 10.88360
					0.0001	1.5226		2.81100	0.9390	3.7500	5.27270
General Service (GS-3) (0-9 Dth)		116.20	88.15	43.78	5.611	1.1966		+(2.81100	+ 0.9390	+ 3.7500	)= 10.55760
					0.0001	1.1966		2.81100	0.9390	3.7500	4.94670
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.93900		
Transportation			Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	191.32	125.22	0.41560	75.00		0.03390	per contract	1.0334	0.0344
					0.0001			0.03390		1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	981.61	635.72	0.41560	75.00		0.03390	per contract	0.8563	0.0344
					0.0001			0.03390		0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	4832.73	3123.76	0.41560	75.00		0.03390	per contract	0.4669	0.0344
					0.0001			0.03390		0.4669	0.0344
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2027.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see		surcharges are in addition to rates above									
		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

January 1, 2025

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.43522	= 0.5339
Seasonal	10.00	0.10174	+ -0.00310	0.43522	= 0.5339
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	4.3522	= 5.1726
Small Seasonal	20.24	0.8514	+ -0.03100	4.3522	= 5.1726
Large	90.59	0.6214	+ -0.03100	4.3522	= 4.9426
Rates Reference:					
See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.50395	= 0.8597
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.0395	= 7.2785
Firm (304)	297.36	2.2390	+ 0.0000	5.0395	= 7.2785
Interruptible (303)	93.89	0.8500	+ 0.0000	5.0395	= 5.8895
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after September 1 2024, per U-21562**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.4803	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Unchanged	4.1175	4.1175	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	3.7550	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.6360	4.7338	/Dth U-21604
Xcel Energy	Unchanged	5.3555	5.3555	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2024

Calendar Year of GCR Factors

	Jan-24 \$/unit	Feb-24 \$/unit	Mar-24 \$/unit	Apr-24 \$/unit	May-24 \$/unit	Jun-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

December 1, 2024

Calendar Year of GCR Factors

	Jul-24 \$/unit	Aug-24 \$/unit	Sep-24 \$/unit	Oct-24 \$/unit	Nov-24 \$/unit	Dec-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.8017	2.6603	2.5408	2.5264	2.6467	2.4803	/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948	3.1948	3.1948	3.1948	/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700	3.7700	3.7700	3.7700	/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.9116	3.9116	3.9116	4.1175	4.1175	4.1175	/Mcf
-U-21441- As Filed or as Ordered	4.0223	4.0223	4.0223	4.1175	4.1175	4.1175	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	3.8852	3.7190	3.7049	3.7550	3.7550	/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.4653	1.7735	0.9762	1.0010	2.3676	3.6360	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7338	4.7338	/Dth
Xcel Energy							
- As Currently Billed	5.7980	5.7980	5.7980	5.3555	5.3555	5.3555	/Dth
-U-21443 - As Filed or as Ordered	5.7980	5.7980	5.7980	5.3555	5.3555	5.3555	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.53881	+ 0.24803	= 0.78684	\$93.68	9.3%
DTE Gas Company	18.09	0.50900	+ 0.37700	= 0.88600	\$106.69	24.5%
Michigan Gas Utilities Corp	13.00	0.30172	+ 0.41175	= 0.71347	\$84.35	-1.6%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.25860	+ 0.37550	= 0.63410	\$77.17	-10.0%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.36360	= 0.46224	\$51.22	-40.2%
Xcel Energy	12.00	0.35570	+ 0.53555	= 0.89125	\$101.13	18.0%
AVERAGE RATE	12.81	0.34375	+ 0.38524	= 0.54674	\$85.71	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY												December 1, 2024	
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge	Home Products Credit	Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2	see note 7	see note 3		
	(\$/month)							(volumetric charges in \$/ccf)					
RESIDENTIAL SERVICE													
Sales												From Utility	
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03359	-0.01428	+	0.51950	0.24803 = 0.78684
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03359	-0.01428	+	0.51950	0.24803 = 0.78684
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
												* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE													
Sales												From Utility	
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6638	-0.1033	+	4.91470	2.4803 = 7.9555
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6638	-0.0623	+	3.53060	2.4803 = 6.6124
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6638	-0.0466	+	3.30120	2.4803 = 6.3987
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0318	-0.0466	+	3.30120	2.4803 = 5.7667
Customer Choice												From Others	
alternative suppliers	(see above)										(see above)	per contract	
Transportation												From Others	
												per contract	
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6638	-0.029		1.4273	per contract
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0318	-0.029		1.4273	per contract
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6638	-0.0201		1.3009	per contract
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0318	-0.0201		1.3009	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6638	-0.0152		0.9564	per contract
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0318	-0.0085		0.5177	per contract
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract
OTHER Sheet D-14.00 (\$/luminaire) (\$/luminaire)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	6.00						0.00					includes gas	
2.6 to 4.5 CF/Hr	11.00						0.00					includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21321													
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see						Rate Books						

DTE GAS COMPANY										December 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1	See note 5	See note 2			See note 3				
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales										From Utility	
Residential Service - Rate A	14.50	3.78	0.00	0.02784	+	0.44616	+	0.03500	0.37700	=	0.88600
Residential Multi Family Rate 2A Class 1	14.50	23.74	+	0.00	0.05049	+	0.44616	+	0.03500	0.37700	= 0.90865
Residential Multi Family Rate 2A Class 2	50.00	23.74	0.00	0.05049	+	0.44616	+	0.03500	0.37700	=	0.90865
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)	+	0.02400		per contract	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)									
Sales										From Utility	
Rate GS-1	50.00	17.05	0.00	0.5049	+	4.0371	+	0.35000	3.7700	=	8.6620
Rate GS-2 (<100,000 Mcf)	925.00	17.05	0.00	0.5049	+	3.2871	+	0.35000	3.7700	=	7.9120
Rate GS-2 (>100,000 Mcf)	925.00	17.05	0.00	0.0452	+	3.2871	+	0.35000	3.7700	=	7.4523
Rate S	270.00	225.28	0.00	0.5049	+	2.5916	+	0.35000	3.7700	=	7.2165
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)				per contract	
Transportation										From Others	
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.3997				per contract	
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.5695				per contract	
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300				per contract	
Rate LT (cost based rate)	4,995.00	4158.81	0.00	0.0452		1.0640				per contract	
Maximum (optional)	4,995.00	4158.81	0.00	0.0452		1.8981				per contract	
Minimum (optional)	4,995.00	4158.81	0.00	0.0452		0.2300				per contract	
Rate XLT (cost based rate)	14,460.00	17,250.00	0.00	0.0452		0.8414				per contract	
Maximum (optional)	14,460.00	17,250.00	0.00	0.0452		1.5027				per contract	
Minimum (optional)	14,460.00	17,250.00	0.00	0.0452		0.1800				per contract	
Rate XXL (cost based rate)	177,935.00	5,923.43	0.00	0.0452		0.2873				per contract	
Maximum (optional)	177,935.00	5,923.43	0.00	0.0452		1.5027				per contract	
Minimum (optional)	177,935.00	5,923.43	0.00	0.0452		0.0500				per contract	
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low income customers on Rates A & AS receive a \$14.50 RIA credit or \$40.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.										December 1, 2024		
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge				Total Vol Charge	
		see note 3	see note 1	see note 4	see note 4	see note 2						
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.00	0.01933		0.00000	0.00391	0.27848	+(0.34583	+ 0.06592	= 0.41175	)= 0.71347
Customer Choice-Residential								From Others	Reservation Charge			
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ per contract	+ 0.06592			
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)		(volumetric charges in \$/Mcf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.00	5.39		0.0000	0.03910	1.82280	+(3.4583	+ 0.6592	= 4.1175	)= 5.97940
Medium General Service	50.00	0.00	14.77	0.00	0.0000	0.03910	1.76610	+(3.4583	+ 0.6592	= 4.1175	)= 6.92270
Large General Service	425.00	0.00	104.27	0.00	0.0000	0.03910	1.16840	+(3.4583	+ 0.6592	= 4.1175	)= 5.32500
GasLight Rate-Commercial			4.77			0.03910	1.82280	+(3.4583	+ 0.6592	= 4.1175	)= 5.97940
Customer Choice-Comm. & Ind.								From Others	Reservation Charge			
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.6592			
	Customer Charge	MRP Rider	EWR Surcharge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation		\$/mo										
TR-1	925.00	0.00	49.98			0.8606	0.6937					
TR-2	2,525.00	0.00	186.66			0.5268	0.3625					
TR-3	3,205.00	0.00	758.06			0.5135	0.3476					
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.												
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed												
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED												
Customer Attachment Program surcharges are in addition to rates above												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

SEMCO ENERGY GAS COMPANY										December 1, 2024	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.79	0.72	0.03409	0.22451		+(0.28160	+ 0.09390	= 0.37550	)= 0.63410
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	1.99	1.81	6.0814	1.9556		+(2.81600	+ 0.9390	+ 3.7550	)= 11.79200
					0.0001	1.9556		2.81600	0.9390	3.7550	5.71070
General Service (GS-2) (0-9 Dth)		38.80	10.37	9.43	6.0814	1.5226		+(2.81600	+ 0.9390	+ 3.7550	)= 11.35900
					0.0001	1.5226		2.81600	0.9390	3.7550	5.27770
General Service (GS-3) (0-9 Dth)		116.20	62.55	56.87	6.0814	1.1966		+(2.81600	+ 0.9390	+ 3.7550	)= 11.03300
					0.0001	1.1966		2.81600	0.9390	3.7550	4.95170
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.93900		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	182.57	165.97	0.34000	75.00	0.03390	per contract	1.0334	0.0344	
					0.0001		0.03390		1.0334	0.0344	
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45	0.34000	75.00	0.03390	per contract	0.8563	0.0344	
					0.0001		0.03390		0.8563	0.0344	
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42	0.34000	75.00	0.03390	per contract	0.4669	0.0344	
					0.0001		0.03390		0.4669	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program		surcharges are in addition to rates above									
Understanding your bill at semcoenergygas.com											
Rates Reference: see		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

December 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.36360	= 0.4622
Seasonal	10.00	0.10174	+ -0.00310	0.36360	= 0.4622
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	3.6360	= 4.4564
Small Seasonal	20.24	0.8514	+ -0.03100	3.6360	= 4.4564
Large	90.59	0.6214	+ -0.03100	3.6360	= 4.2264
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.53555	= 0.8913
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.3555	= 7.5945
Firm (304)	297.36	2.2390	+ 0.0000	5.3555	= 7.5945
Interruptible (303)	93.89	0.8500	+ 0.0000	5.3555	= 6.2055
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)		Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	78.76	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after September 1 2024, per U-21562**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.6467	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Unchanged	4.1175	4.1175	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	3.7550	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	2.3676	4.7338	/Dth U-21604
Xcel Energy	Unchanged	5.3555	5.3555	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2024

Calendar Year of GCR Factors

	Jan-24 \$/unit	Feb-24 \$/unit	Mar-24 \$/unit	Apr-24 \$/unit	May-24 \$/unit	Jun-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2024

Calendar Year of GCR Factors

	Jul-24 \$/unit	Aug-24 \$/unit	Sep-24 \$/unit	Oct-24 \$/unit	Nov-24 \$/unit	Dec-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.8017	2.6603	2.5408	2.5264	2.6467		/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948	3.1948	3.1948		/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700	3.7700	3.7700		/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700	3.7700	3.7700		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.9116	3.9116	3.9116	4.1175	4.1175		/Mcf
-U-21441- As Filed or as Ordered	4.0223	4.0223	4.0223	4.1175	4.1175		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	3.8852	3.7190	3.7049	3.7550		/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204	4.0204	4.0204		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.4653	1.7735	0.9762	1.0010	2.3676		/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7338		/Dth
Xcel Energy							
- As Currently Billed	5.7980	5.7980	5.7980	5.3555	5.3555		/Dth
-U-21443 - As Filed or as Ordered	5.7980	5.7980	5.7980	5.3555	5.3555		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.53881	+ 0.26467	= 0.80348	\$95.35	15.2%
DTE Gas Company	17.09	0.45143	+ 0.37700	= 0.82843	\$99.93	20.8%
Michigan Gas Utilities Corp	13.00	0.30172	+ 0.41175	= 0.71347	\$84.35	1.9%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.25860	+ 0.37550	= 0.63410	\$77.17	-6.7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.23676	= 0.33540	\$38.54	-53.4%
Xcel Energy	12.00	0.35570	+ 0.53555	= 0.89125	\$101.13	22.2%
AVERAGE RATE	12.64	0.33415	+ 0.36687	= 0.52577	\$82.74	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY										November 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500	0.37700	= 0.82843	
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.00	0.05049	+	0.38859	+	0.03500	0.37700 = 0.85108	
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500	0.37700	= 0.85108	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000	3.7700	= 8.4856	
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000	3.7700	= 7.8233	
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000	3.7700	= 7.3636	
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000	3.7700	= 7.3985	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			per contract		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract		
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.										November 1, 2024		
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge				Total Vol Charge	
		see note 3	see note 1	see note 4	see note 4	see note 2						
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.00	0.01933		0.00000	0.00391	0.27848	+(0.34583	+ 0.06592	= 0.41175	)= 0.71347
Customer Choice-Residential								From Others	Reservation Charge			
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ per contract	+ 0.06592			
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)		(volumetric charges in \$/Mcf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.00	5.39		0.0000	0.03910	1.82280	+(3.4583	+ 0.6592	= 4.1175	)= 5.97940
Medium General Service	50.00	0.00	14.77	0.00	0.0000	0.03910	1.76610	+(3.4583	+ 0.6592	= 4.1175	)= 6.92270
Large General Service	425.00	0.00	104.27	0.00	0.0000	0.03910	1.16840	+(3.4583	+ 0.6592	= 4.1175	)= 5.32500
GasLight Rate-Commercial			4.77			0.03910	1.82280	+(3.4583	+ 0.6592	= 4.1175	)= 5.97940
Customer Choice-Comm. & Ind.								From Others	Reservation Charge			
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.6592			
	Customer Charge	MRP Rider	EWR Surcharge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation		\$/mo										
TR-1	925.00	0.00	49.98			0.8606	0.6937					
TR-2	2,525.00	0.00	186.66			0.5268	0.3625					
TR-3	3,205.00	0.00	758.06			0.5135	0.3476					
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.												
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed												
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED												
Customer Attachment Program surcharges are in addition to rates above												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

SEMCO ENERGY GAS COMPANY										November 1, 2024	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.79	0.72	0.03409	0.22451		+(0.28160	+ 0.09390	= 0.37550	)= 0.63410
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	1.99	1.81	6.0814	1.9556		+(2.81600	+ 0.9390	+ 3.7550	)= 11.79200
					0.0001	1.9556		2.81600	0.9390	3.7550	5.71070
General Service (GS-2) (0-9 Dth)		38.80	10.37	9.43	6.0814	1.5226		+(2.81600	+ 0.9390	+ 3.7550	)= 11.35900
					0.0001	1.5226		2.81600	0.9390	3.7550	5.27770
General Service (GS-3) (0-9 Dth)		116.20	62.55	56.87	6.0814	1.1966		+(2.81600	+ 0.9390	+ 3.7550	)= 11.03300
					0.0001	1.1966		2.81600	0.9390	3.7550	4.95170
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.93900		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)		Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	182.57	165.97	0.34000	75.00	0.03390	per contract	1.0334		0.0344
					0.0001		0.03390		1.0334		0.0344
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45	0.34000	75.00	0.03390	per contract	0.8563		0.0344
					0.0001		0.03390		0.8563		0.0344
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42	0.34000	75.00	0.03390	per contract	0.4669		0.0344
					0.0001		0.03390		0.4669		0.0344
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1:		EWR charge effective on and after October 1, 2024									
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com											
Customer Attachment Program		surcharges are in addition to rates above									
Understanding your bill at semcoenergygas.com											
Rates Reference: see				Rate Books		for more details					

OTHER MICHIGAN-PSC REGULATED

November 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.23676	= 0.3354
Seasonal	10.00	0.10174	+ -0.00310	0.23676	= 0.3354
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	2.3676	= 3.1880
Small Seasonal	20.24	0.8514	+ -0.03100	2.3676	= 3.1880
Large	90.59	0.6214	+ -0.03100	2.3676	= 2.9580
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.53555	= 0.8913
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.3555	= 7.5945
Firm (304)	297.36	2.2390	+ 0.0000	5.3555	= 7.5945
Interruptible (303)	93.89	0.8500	+ 0.0000	5.3555	= 6.2055
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)		Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	78.76	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after September 1 2024, per U-21562**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.5264	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Increase	4.1175	4.1175	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.7049	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	1.0010	4.7356	/Dth U-21435
Xcel Energy	Decrease	5.3555	5.3555	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

October 1, 2024

Calendar Year of GCR Factors

	Jul-24 \$/unit	Aug-24 \$/unit	Sep-24 \$/unit	Oct-24 \$/unit	Nov-24 \$/unit	Dec-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.8017	2.6603	2.5408	2.5264			/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948	3.1948			/Mcf
DTE Gas Company							
- As Currently Billed	3.7700	3.7700	3.7700	3.7700			/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700	3.7700			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.9116	3.9116	3.9116	4.1175			/Mcf
-U-21441- As Filed or as Ordered	4.0223	4.0223	4.0223	4.1175			/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	3.8852	3.7190	3.7049			/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204	4.0204			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.4653	1.7735	0.9762	1.0010			/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356			/Dth
Xcel Energy							
- As Currently Billed	5.7980	5.7980	5.7980	5.3555			/Dth
-U-21443 - As Filed or as Ordered	5.7980	5.7980	5.7980	5.3555			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	15.00	0.53881	+ 0.25264	= 0.79145	\$94.15	17.4%
DTE Gas Company	17.09	0.45143	+ 0.37700	= 0.82843	\$99.93	24.6%
Michigan Gas Utilities Corp	13.00	0.30172	+ 0.41175	= 0.71347	\$84.35	5.2%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.25860	+ 0.37049	= 0.62909	\$76.67	-4.4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.10010	= 0.19874	\$24.87	-69.0%
Xcel Energy	12.00	0.35570	+ 0.53555	= 0.89125	\$101.13	26.1%
AVERAGE RATE	12.64	0.33415	+ 0.34126	= 0.50655	\$80.18	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY													October 1, 2024				
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Home Products Credit		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 7		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)									
Sales															From Utility		
Rate A	15.00	+	0.00	+	0.00	+	0.00	+	0.03359	-0.01428	+	0.51950	0.25264	=	0.79145		
Rate A-1 Residential Multi-Family	15.00	+	0.00	+	0.00	+	0.00	+	0.03359	-0.01428	+	0.51950	0.25264	=	0.79145		
Excess Peak Demand Charge \$0.0913/Mcf (Note 1)																	
Customer Choice															From Others		
alternative suppliers	(see above)												(see above)		per contract		
															* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)									
Sales															From Utility		
General Service - Rate GS-1	18.00		0.00		0.00		0.00	+	0.6638	-0.1033	+	4.91470	2.5264	=	8.0016		
General Service - Rate GS-2	133.32		0.00		0.00		0.00	+	0.6638	-0.0623	+	3.53060	2.5264	=	6.6585		
General Service - Rate GS-3 (0-100,000 Year)	324.50		0.00		0.00		0.00	+	0.6638	-0.0466	+	3.30120	2.5264	=	6.4448		
General Service - Rate GS-3 (>100,000 Year)	324.50		0.00		0.00		0.00	+	0.0318	-0.0466	+	3.30120	2.5264	=	5.8128		
Customer Choice															From Others		
alternative suppliers	(see above)												(see above)		per contract		
Transportation															From Others		
Rate ST Cost Based Rate (0-100,000 Year)	973.32		0.00		0.00		0.00		0.6638	-0.029		1.4273			per contract		
Rate ST Cost Based Rate (>100,000 Year)	973.32		0.00		0.00		0.00		0.0318	-0.029		1.4273			per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2026.79		0.00		0.00		0.00		0.6638	-0.0201		1.3009			per contract		
Rate LT Cost Based Rate (>100,000 Year)	2026.79		0.00		0.00		0.00		0.0318	-0.0201		1.3009			per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	16379.74		0.00		0.00		0.00		0.6638	-0.0152		0.9564			per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	43617.55		0.00		0.00		0.00		0.0318	-0.0085		0.5177			per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00								per contract		
OTHER Sheet D-14.00	(\$/luminaire)						(\$/luminaire)										
Outdoor Gas Light - Rate GL																	
up to 2.5 CF/Hr	6.00						0.00						includes gas				
2.6 to 4.5 CF/Hr	11.00						0.00						includes gas				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.																	
Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21321																	
Note 3: Effective for bills rendered on and after the October 2024 billing month. Per U-21490. TR customers >100,000/year receive opt-out surcharge.																	
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED																	
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED																	
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.																	
Note 7: Home Products Credit effective beginning the October 2024 billing month. Per U-21490.																	
Customer Attachment Program surcharges are in addition to rates above																	
Understanding your bill at Consumersenergy.com																	
Rates Reference:	see	Rate Books															

DTE GAS COMPANY										October 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1	See note 5	See note 2			See note 3				
										(\$/month)	
RESIDENTIAL SERVICE										(volumetric charges in \$/Ccf)	
Sales									From Utility		
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500	0.37700	=	0.82843
Residential Multi Family Rate 2A Class 1	13.50	23.74	0.00	0.05049	+	0.38859	+	0.03500	0.37700	=	0.85108
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500	0.37700	=	0.85108
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE										(\$/month)	
										(volumetric charges in \$/Mcf metered)	
Sales									From Utility		
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000	3.7700	=	8.4856
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000	3.7700	=	7.8233
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000	3.7700	=	7.3636
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000	3.7700	=	7.3985
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			per contract		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract		
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S. --REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										October 1, 2024		
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge				Total Vol Charge	
		see note 3	see note 1	see note 4	see note 4	see note 2						
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.00	0.01933		0.00000	0.00391	0.27848	+(0.34583	+ 0.06592	= 0.41175	)= 0.71347
Customer Choice-Residential								From Others	Reservation Charge			
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ per contract	+ 0.06592			
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)		(volumetric charges in \$/Mcf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.00	5.39		0.0000	0.03910	1.82280	+(3.4583	+ 0.6592	= 4.1175	)= 5.97940
Medium General Service	50.00	0.00	14.77	0.00	0.0000	0.03910	1.76610	+(3.4583	+ 0.6592	= 4.1175	)= 6.92270
Large General Service	425.00	0.00	104.27	0.00	0.0000	0.03910	1.16840	+(3.4583	+ 0.6592	= 4.1175	)= 5.32500
GasLight Rate-Commercial			4.77			0.03910	1.82280	+(3.4583	+ 0.6592	= 4.1175	)= 5.97940
Customer Choice-Comm. & Ind.								From Others	Reservation Charge			
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.6592			
	Customer Charge	MRP Rider	EWR Surcharge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation		\$/mo										
TR-1	925.00	0.00	49.98			0.8606	0.6937					
TR-2	2,525.00	0.00	186.66			0.5268	0.3625					
TR-3	3,205.00	0.00	758.06			0.5135	0.3476					
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563.												
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed												
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED												
Customer Attachment Program surcharges are in addition to rates above												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

SEMCO ENERGY GAS COMPANY										October 1, 2024	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.79	0.72	0.03409	0.22451		+(0.27659	+ 0.09390	= 0.37049	)= 0.62909
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	1.99	1.81	6.0814	1.9556		+(2.76590	+ 0.9390	+ 3.7049	)= 11.74190
(>9 Dth)					0.0001	1.9556		2.76590	0.9390	3.7049	5.66060
General Service (GS-2) (0-9 Dth)		38.80	10.37	9.43	6.0814	1.5226		+(2.76590	+ 0.9390	+ 3.7049	)= 11.30890
(>9 Dth)					0.0001	1.5226		2.76590	0.9390	3.7049	5.22760
General Service (GS-3) (0-9 Dth)		116.20	62.55	56.87	6.0814	1.1966		+(2.76590	+ 0.9390	+ 3.7049	)= 10.98290
(>9 Dth)					0.0001	1.1966		2.76590	0.9390	3.7049	4.90160
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others	Balancing and Demand Charge		
								+ per contract	+ 0.93900		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	182.57	165.97	0.34000	75.00	0.03390	per contract	1.0334	0.0344	
(>2500 Dth)					0.0001		0.03390		1.0334	0.0344	
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45	0.34000	75.00	0.03390	per contract	0.8563	0.0344	
(>2500 Dth)					0.0001		0.03390		0.8563	0.0344	
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42	0.34000	75.00	0.03390	per contract	0.4669	0.0344	
(>2500 Dth)					0.0001		0.03390		0.4669	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: EWR charge effective on and after October 1, 2024											
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.											
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see		surcharges are in addition to rates above									
		Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

October 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.10010	= 0.1987
Seasonal	10.00	0.10174	+ -0.00310	0.10010	= 0.1987
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	1.0010	= 1.8214
Small Seasonal	20.24	0.8514	+ -0.03100	1.0010	= 1.8214
Large	90.59	0.6214	+ -0.03100	1.0010	= 1.5914
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.53555	= 0.8913
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.3555	= 7.5945
Firm (304)	297.36	2.2390	+ 0.0000	5.3555	= 7.5945
Interruptible (303)	93.89	0.8500	+ 0.0000	5.3555	= 6.2055
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after September 1 2024, per U-21562**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2024

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.5408	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Unchanged	3.9116	4.0223	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.7190	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	0.9762	4.7356	/Dth U-21435
Xcel Energy	Unchanged	5.7980	5.7980	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2024

Calendar Year of GCR Factors

	Jan-24 \$/unit	Feb-24 \$/unit	Mar-24 \$/unit	Apr-24 \$/unit	May-24 \$/unit	Jun-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

September 1, 2024

Calendar Year of GCR Factors

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.8017	2.6603	2.5408			/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948	3.1948			/Mcf
DTE Gas Company						
- As Currently Billed	3.7700	3.7700	3.7700			/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700	3.7700			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.9116	3.9116	3.9116			/Mcf
-U-21441- As Filed or as Ordered	4.0223	4.0223	4.0223			/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed	3.9990	3.8852	3.7190			/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204	4.0204			/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	1.4653	1.7735	0.9762			/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356			/Dth
Xcel Energy						
- As Currently Billed	5.7980	5.7980	5.7980			/Dth
-U-21443 - As Filed or as Ordered	5.7980	5.7980	5.7980			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.55550	+ 0.25408	= 0.80958	\$94.56	17.9%
DTE Gas Company	17.09	0.45143	+ 0.37700	= 0.82843	\$95.81	19.4%
Michigan Gas Utilities Corp	13.00	0.30172	+ 0.39116	= 0.69288	\$82.29	2.6%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.37190	= 0.64768	\$78.53	-2.1%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09864	+ 0.09762	= 0.19626	\$24.63	-69.3%
Xcel Energy	12.00	0.35570	+ 0.57980	= 0.93550	\$105.55	31.6%
AVERAGE RATE	12.41	0.33980	+ 0.34526	= 0.51379	\$80.23	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2024

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
				(\$/month)							(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.25408	=	0.80958
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.25408	=	0.80958
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE				(\$/month)							(volumetric charges in \$/Mcf)				
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460		2.5408	=	7.7992
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160		2.5408	=	6.4062
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900		2.5408	=	6.1036
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900		2.5408	=	5.4716
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation											(volumetric charges in \$/Mcf)		From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140		0.6638	=	1.7140
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140		0.0318	=	1.7140
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025		0.6638	=	1.4025
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025		0.0318	=	1.4025
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617		0.6638	=	1.0617
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157		0.0318	=	0.6157
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00								
OTHER Sheet D-14.00				(\$/luminaire)											
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00					includes gas			
2.6 to 4.5 CF/Hr	15.00						0.00					includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the September 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							September 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 5	See note 2	(volumetric charges in \$/Ccf)	See note 3		
RESIDENTIAL SERVICE								
Sales							From Utility	
Residential Service - Rate A	13.50	3.78	-4.12	0.02784	+	0.38859	+	0.03500
Residential Multi Family Rate 2A Class 1	13.50	23.74	20.52	0.05049	+	0.38859	+	0.03500
Residential Multi Family Rate 2A Class 2	40.00	23.74	-34.52	0.05049	+	0.38859	+	0.03500
Customer Choice							From Others	
alternative suppliers	(see above)				(see above)	+	0.02400	per contract
COMMERCIAL & INDUSTRIAL SERVICE								
		(\$/month)			(volumetric charges in \$/Mcf metered)			
Sales							From Utility	
Rate GS-1	40.00	17.05	-18.97	0.5049	+	3.8607	+	0.35000
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000
Rate S	225.00	225.28	-307.67	0.5049	+	2.7736	+	0.35000
Customer Choice							From Others	
alternative suppliers	(see above)				(see above)			per contract
Transportation							From Others	
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906		per contract
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512		per contract
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300		per contract
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427		per contract
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554		per contract
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300		per contract
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060		per contract
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321		per contract
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800		per contract
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933		per contract
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321		per contract
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500		per contract
EUT Exploratory Program				0.0262				
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	\$10/MMBtu							
Load Balancing Storage Charge	47.00				.0470/cubic foot			
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.								
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024								
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024								
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round								
Note 5: RDM effective for one month per U-21576 beginning September 1st, 2024 for rate schedules A, 2A I and II, GS-1 and S.								
Rates at utilities.dteenergy.com (PDF version)								
Understanding your bill at dteenergy.com								
Rates Reference:	see	Rate Books						for more details

MICHIGAN GAS UTILITIES CORP.									
									September 1, 2024
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge		Total Vol Charge
		see note 3	see note 1 (\$/Ccf metered)	see note 4 (\$/month)	see note 4	see note 2			
(volumetric charges in \$/Ccf metered)									
RESIDENTIAL SERVICE									
Sales									
Residential Service	13.00	0.00	0.01933		0.00000	0.00391	0.27848	+(0.33591 + 0.05525	= 0.39116)= 0.69288
Customer Choice-Residential									
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ From Others per contract + 0.05525	
COMMERCIAL & INDUSTRIAL SERVICE									
			(\$/month)						
(volumetric charges in \$/Mcf metered)									
Sales									
Small General Service	35.00	0.00	5.39		0.0000	0.03910	1.82280	+(3.3591 + 0.5525	= 3.9116)= 5.77350
Medium General Service	50.00	0.00	14.77	0.00	0.0000	0.03910	1.76610	+(3.3591 + 0.5525	= 3.9116)= 6.71680
Large General Service	425.00	0.00	104.27	0.00	0.0000	0.03910	1.16840	+(3.3591 + 0.5525	= 3.9116)= 5.11910
GasLight Rate-Commercial			4.77			0.03910	1.82280	+(3.3591 + 0.5525	= 3.9116)= 5.77350
Customer Choice-Comm. & Ind.									
alternative suppliers	(see above)					N/A	(see above)	+ From Others per contract + 0.5525	
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)	
Transportation									
		\$/mo							
TR-1	925.00	0.00	49.98				0.8606	0.6937	
TR-2	2,525.00	0.00	186.66				0.5268	0.3625	
TR-3	3,205.00	0.00	758.06				0.5135	0.3476	
Note 1: Effective for bills rendered on and after September 1, 2024. Issued Under Authority of the Michigan Public Service Commission Order Dated Aug. 22, 2024 In Case No: U-21563. Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

September 1, 2024

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)		
Sales									
Residential Service		12.25	0.79	0.72	0.05127	0.22451	+(0.27800 + 0.09390)=	GCR Factor 0.37190)=	0.64768
Customer Choice-Residential alternative suppliers	(see above)					(see above)	+ per contract + 0.09390		
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)		
Sales			(\$/month)						
General Service (GS-1)	(0-9 Dth)	15.00	1.99	1.81	2.635	1.9556	+(2.78000 + 0.9390 + 3.7190)=		8.30960
	(>9 Dth)				0.0001	1.9556	2.78000 0.9390 3.7190		5.67470
General Service (GS-2)	(0-9 Dth)	38.80	10.37	9.43	2.635	1.5226	+(2.78000 + 0.9390 + 3.7190)=		7.87660
	(>9 Dth)				0.0001	1.5226	2.78000 0.9390 3.7190		5.24170
General Service (GS-3)	(0-9 Dth)	116.20	62.55	56.87	2.635	1.1966	+(2.78000 + 0.9390 + 3.7190)=		7.55060
	(>9 Dth)				0.0001	1.1966	2.78000 0.9390 3.7190		4.91570
Customer Choice-Comm & Industrial alternative suppliers	(see above)					Distribution Charge (see above)	+ per contract + 0.93900		
		Customer Charge	IRIP	MRP Charge	EWR Charge	Remote Meter Charge	Facility Improvement Demand Surcharge	From Others	Balancing Recovery Rate
Transportation		(\$/month)	(\$/month)	(\$/month)	\$/Dth	(\$/month)	\$/Dth		
TR-1	(0-2500 Dth)	350.00	182.57	165.97	0.28430	75.00	0.03390	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.03390	1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	922.30	838.45	0.28430	75.00	0.03390	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.03390	0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	4609.49	4190.42	0.28430	75.00	0.03390	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.03390	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2024									
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
Rates Reference: see		surcharges are in addition to rates above							
		Rate Books for more details							

OTHER MICHIGAN-PSC REGULATED

September 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service					
Year-Round	5.00	0.10174	+ -0.00310	0.09762	= 0.1963
Seasonal	10.00	0.10174	+ -0.00310	0.09762	= 0.1963
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	10.12	0.8514	+ -0.03100	0.9762	= 1.7966
Small Seasonal	20.24	0.8514	+ -0.03100	0.9762	= 1.7966
Large	90.59	0.6214	+ -0.03100	0.9762	= 1.5666
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service (301)	12.00	0.35570	+ 0.00000	0.57980	= 0.9355
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	26.76	2.2390	+ 0.0000	5.7980	= 8.0370
Firm (304)	297.36	2.2390	+ 0.0000	5.7980	= 8.0370
Interruptible (303)	93.89	0.8500	+ 0.0000	5.7980	= 6.6480
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.76	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after September 1 2024, per U-21562**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2024

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.6603	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Unchanged	3.9116	4.0223	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.8852	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	1.7735	4.7356	/Dth U-21435
Xcel Energy	Unchanged	5.7980	5.7980	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2024

Calendar Year of GCR Factors

	Jan-24 \$/unit	Feb-24 \$/unit	Mar-24 \$/unit	Apr-24 \$/unit	May-24 \$/unit	Jun-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

August 1, 2024

Calendar Year of GCR Factors

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Company						
- As Currently Billed	2.8017	2.6603				/Mcf
-U-21437 - As Filed or as Ordered	3.1948	3.1948				/Mcf
DTE Gas Company						
- As Currently Billed	3.7700	3.7700				/Mcf
-U-21439- As Filed or As Ordered	3.7700	3.7700				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.9116	3.9116				/Mcf
-U-21441- As Filed or as Ordered	4.0223	4.0223				/Mcf
Presque Isle E. & G. Coop. *			(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Company						
- As Currently Billed	3.9990	3.8852				/Dth
-U-21445 - As Filed or as Ordered	4.0204	4.0204				/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
Upper Michigan Energy Resources Corp						
- As Currently Billed	1.4653	1.7735				/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356				/Dth
Xcel Energy						
- As Currently Billed	5.7980	5.7980				/Dth
-U-21443 - As Filed or as Ordered	5.7980	5.7980				/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	13.60	0.55550	+ 0.26603	= 0.82153	\$95.75	15.9%
DTE Gas Company	17.09	0.45143	+ 0.37700	= 0.82843	\$99.93	21.0%
Michigan Gas Utilities Corp	13.00	0.29751	+ 0.39116	= 0.68867	\$81.87	-0.9%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.38852	= 0.66430	\$80.19	-2.9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.17735	= 0.27039	\$32.04	-61.2%
Xcel Energy	12.00	0.35970	+ 0.57980	= 0.93950	\$105.95	28.2%
AVERAGE RATE	12.41	0.33883	+ 0.36331	= 0.52660	\$82.62	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2024

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.26603	=	0.82153
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.26603	=	0.82153
Customer Choice															
alternative suppliers	(see above)										(see above)		From Others		
													per contract		
													* Including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460		From Utility		
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160		2.6603	=	7.9187
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900		2.6603	=	6.5257
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900		2.6603	=	6.2231
Customer Choice															
alternative suppliers	(see above)										(see above)		From Others		
Transportation													per contract		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140		From Others		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00				includes gas				
2.6 to 4.5 CF/Hr	15.00						0.00				includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308 TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the September 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							August 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 5	See note 2		See note 3		
RESIDENTIAL SERVICE								
Sales								
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.05049	+	0.38859	+	0.03500
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500
Customer Choice								
alternative suppliers	(see above)				(see above)	+	0.02400	
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000
Customer Choice								
alternative suppliers	(see above)				(see above)			
Transportation								
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500		
EUT Exploratory Program				0.0262				
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	\$10/MMBtu							
Load Balancing Storage Charge	47.00					.0470/cubic foot		
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.								
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024								
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024								
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round								
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186								
Rates at utilities.dteenergy.com (PDF version)								
Understanding your bill at dteenergy.com								
Rates Reference:	see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

August 1, 2024

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4			
								(volumetric charges in \$/Therm metered)		
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.79	0.72	0.05127	0.22451		+(0.29462	+ 0.09390	= 0.38852
										= 0.66430
<u>Customer Choice-Residential alternative suppliers</u>	(see above)					(see above)		From Others	Balancing and Demand Charge	
								+ per contract	+ 0.09390	
COMMERCIAL & INDUSTRIAL SERVICE										
								(volumetric charges in \$/Dth metered)		
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1)	(0-9 Dth)	15.00	1.99	1.81	2.635	1.9556		+(2.94620	+ 0.9390	+ 3.8852
	(>9 Dth)				0.0001	1.9556		2.94620	0.9390	3.8852
General Service (GS-2)	(0-9 Dth)	38.80	10.37	9.43	2.635	1.5226		+(2.94620	+ 0.9390	+ 3.8852
	(>9 Dth)				0.0001	1.5226		2.94620	0.9390	3.8852
General Service (GS-3)	(0-9 Dth)	116.20	62.55	56.87	2.635	1.1966		+(2.94620	+ 0.9390	+ 3.8852
	(>9 Dth)				0.0001	1.1966		2.94620	0.9390	3.8852
<u>Customer Choice-Comm & Industrial alternative suppliers</u>	(see above)					Distribution Charge (see above)		From Others	Balancing and Demand Charge	
								+ per contract	+ 0.93900	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1	(0-2500 Dth)	350.00	182.57	165.97	0.28430	75.00	0.03390	per contract	1.0334	0.0344
	(>2500 Dth)				0.0001		0.03390		1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	922.30	838.45	0.28430	75.00	0.03390	per contract	0.8563	0.0344
	(>2500 Dth)				0.0001		0.03390		0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	4609.49	4190.42	0.28430	75.00	0.03390	per contract	0.4669	0.0344
	(>2500 Dth)				0.0001		0.03390		0.4669	0.0344
OTHER										
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.								
Note 1:		EWR charge effective on and after January 1, 2024								
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.								
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.								
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year								
		Rates at semcoenergy.com								
		Customer Attachment Program								
		Understanding your bill at semcoenergygas.com								
		surcharges are in addition to rates above								
Rates Reference: see		Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

August 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.17735	= 0.2704
Seasonal	10.00	0.09614	+ -0.00310	0.17735	= 0.2704
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	1.7735	= 2.5939
Small Seasonal	18.53	0.8514	+ -0.03100	1.7735	= 2.5939
Large	93.17	0.6214	+ -0.03100	1.7735	= 2.3639
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.57980	= 0.9395
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	5.7980	= 8.0370
Firm (304)	612.09	2.2390	+ 0.0000	5.7980	= 8.0370
Interruptible (303)	142.32	0.8500	+ 0.0000	5.7980	= 6.6480
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2024

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.8017	3.1948	/Mcf U-21437
DTE Gas Company	Unchanged	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Decrease	3.9116	4.0223	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.9990	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	1.4653	4.7356	/Dth U-21435
Xcel Energy	Increase	5.7980	5.7980	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

July 1, 2024

Calendar Year of GCR Factors

	Jul-24 \$/unit	Aug-24 \$/unit	Sep-24 \$/unit	Oct-24 \$/unit	Nov-24 \$/unit	Dec-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.8017						/Mcf
-U-21437 - As Filed or as Ordered	3.1948						/Mcf
DTE Gas Company							
- As Currently Billed	3.7700						/Mcf
-U-21439- As Filed or As Ordered	3.7700						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.9116						/Mcf
-U-21441- As Filed or as Ordered	4.0223						/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990						/Dth
-U-21445 - As Filed or as Ordered	4.0204						/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.4653						/Dth
-U-21435 - As Filed or As Ordered	4.7356						/Dth
Xcel Energy							
- As Currently Billed	5.7980						/Dth
-U-21443 - As Filed or as Ordered	5.7980						/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	13.60	0.55550	+ 0.28017	= 0.83567	\$97.17	17.7%
DTE Gas Company	17.09	0.45143	+ 0.37700	= 0.82843	\$99.93	21.1%
Michigan Gas Utilities Corp	13.00	0.29751	+ 0.39116	= 0.68867	\$81.87	-0.8%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.39990	= 0.67568	\$81.33	-1.5%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.14653	= 0.23957	\$28.96	-64.9%
Xcel Energy	12.00	0.35970	+ 0.57980	= 0.93950	\$105.95	28.4%
AVERAGE RATE	12.41	0.33883	+ 0.36243	= 0.52594	\$82.53	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2024

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)							
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.28017	=	0.83567
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.28017	=	0.83567
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)							
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460		2.8017	=	8.0601
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160		2.8017	=	6.6671
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900		2.8017	=	6.3645
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900		2.8017	=	5.7325
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00	(\$/luminaire)							(\$/luminaire)							
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							July 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 5	See note 2	(volumetric charges in \$/Ccf)	See note 3		
RESIDENTIAL SERVICE								
Sales								
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.05049	+	0.38859	+	0.03500
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500
Customer Choice								
alternative suppliers	(see above)				(see above)	+	0.02400	
COMMERCIAL & INDUSTRIAL SERVICE								
		(\$/month)				(volumetric charges in \$/Mcf metered)		
Sales								
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000
Customer Choice								
alternative suppliers	(see above)				(see above)			
Transportation								
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500		
EUT Exploratory Program				0.0262				
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	\$10/MMBtu							
Load Balancing Storage Charge	47.00					.0470/cubic foot		
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.								
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024								
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024								
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round								
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186								
Rates at utilities.dteenergy.com (PDF version)								
Understanding your bill at dteenergy.com								
Rates Reference:	see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY										July 1, 2024
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)		
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.79	0.72	0.05127	0.22451		+(0.30600	+ 0.09390	= 0.39990)
Customer Choice-Residential alternative suppliers		(see above)				(see above)		+ From Others	+ Balancing and Demand Charge	
								+ per contract	+ 0.09390	
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)		
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1)	(0-9 Dth)	15.00	1.99	1.81	2.635	1.9556		+(3.06000	+ 0.9390	+ 3.9990)
	(>9 Dth)				0.0001	1.9556		3.06000	0.9390	3.9990
General Service (GS-2)	(0-9 Dth)	38.80	10.37	9.43	2.635	1.5226		+(3.06000	+ 0.9390	+ 3.9990)
	(>9 Dth)				0.0001	1.5226		3.06000	0.9390	3.9990
General Service (GS-3)	(0-9 Dth)	116.20	62.55	56.87	2.635	1.1966		+(3.06000	+ 0.9390	+ 3.9990)
	(>9 Dth)				0.0001	1.1966		3.06000	0.9390	3.9990
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		+ From Others	+ Balancing and Demand Charge	
								+ per contract	+ 0.93900	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1	(0-2500 Dth)	350.00	182.57	165.97	0.28430	75.00	0.03390	per contract	1.0334	0.0344
	(>2500 Dth)				0.0001		0.03390		1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	922.30	838.45	0.28430	75.00	0.03390	per contract	0.8563	0.0344
	(>2500 Dth)				0.0001		0.03390		0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	4609.49	4190.42	0.28430	75.00	0.03390	per contract	0.4669	0.0344
	(>2500 Dth)				0.0001		0.03390		0.4669	0.0344
OTHER										
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.								
Note 1:		EWR charge effective on and after January 1, 2024								
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.								
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.								
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year								
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
Rates Reference: see		surcharges are in addition to rates above								
		Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

July 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.14653	= 0.2396
Seasonal	10.00	0.09614	+ -0.00310	0.14653	= 0.2396
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	1.4653	= 2.2857
Small Seasonal	18.53	0.8514	+ -0.03100	1.4653	= 2.2857
Large	93.17	0.6214	+ -0.03100	1.4653	= 2.0557
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.57980	= 0.9395
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	5.7980	= 8.0370
Firm (304)	612.09	2.2390	+ 0.0000	5.7980	= 8.0370
Interruptible (303)	142.32	0.8500	+ 0.0000	5.7980	= 6.6480
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate In Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.7106	3.1948	/Mcf U-21437
DTE Gas Company	Increase	3.7700	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Increase	4.0223	4.0223	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	4.0204	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.0328	4.7356	/Dth U-21435
Xcel Energy	Unchanged	5.6716	5.6716	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240	2.7106	/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948	3.9148	/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000	3.7700	/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700	3.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187	4.0223	/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223	4.0223	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204	4.0204	/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204	4.0204	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442	2.0328	/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716	5.6716	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2024

Calendar Year of GCR Factors

	Jul-24 \$/unit	Aug-24 \$/unit	Sep-24 \$/unit	Oct-24 \$/unit	Nov-24 \$/unit	Dec-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-21437 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-21439- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-21441- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-21445 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-21435 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-21443 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	13.60	0.55550	+ 0.27106	= 0.82656	\$96.26	15.5%
DTE Gas Company	17.09	0.45143	+ 0.37700	= 0.82843	\$99.93	19.9%
Michigan Gas Utilities Corp	13.00	0.29751	+ 0.40223	= 0.69974	\$82.97	-0.4%
Presque Isle E. & G. Coop.						
(Rates set by local government regulation, not by the MPSC)						
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.40204	= 0.67782	\$81.54	-2.2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.20328	= 0.29632	\$34.63	-58.4%
Xcel Energy	12.00	0.35970	+ 0.56716	= 0.92686	\$104.69	25.6%
AVERAGE RATE	12.41	0.33883	+ 0.37046	= 0.53197	\$83.34	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2024

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)							
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.27106	=	0.82656
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.27106	=	0.82656
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)							
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460		2.7106	=	7.9690
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160		2.7106	=	6.5760
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900		2.7106	=	6.2734
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900		2.7106	=	5.6414
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025		per contract		
Rate XLTL Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617		per contract		
Rate XLTL Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157		per contract		
XLTL/XLTL Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00	(\$/luminaire)							(\$/luminaire)							
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the September 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										June 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1 (\$/month)	See note 5	See note 2		See note 3 (volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500	From Utility		
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.00	0.05049	+	0.38859	+	0.03500	0.37700 = 0.82843	
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500	0.37700 = 0.85108	0.37700 = 0.85108	
Customer Choice											
alternative suppliers	(see above)					(see above)	+	0.02400	From Others		
									per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000	From Utility		
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000	3.7700 = 8.4856		
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000	3.7700 = 7.8233		
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000	3.7700 = 7.3636	3.7700 = 7.3985	
Customer Choice											
alternative suppliers	(see above)					(see above)			From Others		
									per contract		
Transportation											
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			From Others		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract		
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books								for more details	

MICHIGAN GAS UTILITIES CORP.									
									June 1, 2024
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge		Total Vol Charge
	see note 3	see note 1	see note 4	see note 4	see note 4	see note 2			
	(\$/month)	(\$/Ccf metered)	(\$/month)				(volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE									
Sales									
Residential Service	13.00	0.00	0.01512		0.00000	0.00391	0.27848	Gas Costs From Utility 0.33591 + Reservation Charge 0.06632 = GCR Factor 0.40223 =	0.69974
<u>Customer Choice-Residential alternative suppliers</u>	(see above)			(see above)		N/A	(see above)	From Others + per contract + Reservation Charge 0.06632	
COMMERCIAL & INDUSTRIAL SERVICE									
							(volumetric charges in \$/Mcf metered)		
Sales									
Small General Service	35.00	0.00	3.60		0.0000	0.03910	1.82280	Gas Costs From Utility 3.3591 + Reservation Charge 0.6632 = GCR Factor 4.0223 =	5.88420
Medium General Service	50.00	0.00	30.16	0.00	0.0000	0.03910	1.76610	Gas Costs From Utility 3.3591 + Reservation Charge 0.6632 = GCR Factor 4.0223 =	6.82750
Large General Service	425.00	0.00	145.41	0.00	0.0000	0.03910	1.16840	Gas Costs From Utility 3.3591 + Reservation Charge 0.6632 = GCR Factor 4.0223 =	5.22980
GasLight Rate-Commercial			3.76			0.03910	1.82280	Gas Costs From Utility 3.3591 + Reservation Charge 0.6632 = GCR Factor 4.0223 =	5.88420
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)					N/A	(see above)	From Others + per contract + Reservation Charge 0.6632	
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)	
Transportation									
TR-1	925.00	0.00	38.91				0.8606	0.6937	
TR-2	2,525.00	0.00	211.34				0.5268	0.3625	
TR-3	3,205.00	0.00	918.93				0.5135	0.3476	
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation. Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED Customer Attachment Program surcharges are in addition to rates above Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

June 1, 2024

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4			
RESIDENTIAL SERVICE										
(volumetric charges in \$/Therm metered)										
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.79	0.72	0.05127	0.22451		+(0.30814	+ 0.09390	= 0.40204)
										0.67782
Customer Choice-Residential alternative suppliers	(see above)					(see above)		From Others	Balancing and Demand Charge	
								+ per contract	+ 0.09390	
COMMERCIAL & INDUSTRIAL SERVICE										
(volumetric charges in \$/Dth metered)										
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1) (>9 Dth)	(0-9 Dth)	15.00	1.99	1.81	2.635	1.9556		+(3.08140	+ 0.9390	+ 4.0204)
					0.0001	1.9556		3.08140	0.9390	4.0204
General Service (GS-2) (>9 Dth)	(0-9 Dth)	38.80	10.37	9.43	2.635	1.5226		+(3.08140	+ 0.9390	+ 4.0204)
					0.0001	1.5226		3.08140	0.9390	4.0204
General Service (GS-3) (>9 Dth)	(0-9 Dth)	116.20	62.55	56.87	2.635	1.1966		+(3.08140	+ 0.9390	+ 4.0204)
					0.0001	1.1966		3.08140	0.9390	4.0204
										8.61100
										5.97610
										8.17800
										5.54310
										7.85200
										5.21710
Customer Choice-Comm & Industrial alternative suppliers	(see above)					Distribution Charge (see above)		From Others	Balancing and Demand Charge	
								+ per contract	+ 0.93900	
		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
Transportation										
TR-1 (0-2500 Dth)		350.00	182.57	165.97	0.28430	75.00	0.03390	per contract	1.0334	0.0344
	(>2500 Dth)				0.0001		0.03390		1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45	0.28430	75.00	0.03390	per contract	0.8563	0.0344
	(>2500 Dth)				0.0001		0.03390		0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42	0.28430	75.00	0.03390	per contract	0.4669	0.0344
	(>2500 Dth)				0.0001		0.03390		0.4669	0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: EWR charge effective on and after January 1, 2024										
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.										
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.										
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
surcharges are in addition to rates above										
Rates Reference: see Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

June 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.20328	= 0.2963
Seasonal	10.00	0.09614	+ -0.00310	0.20328	= 0.2963
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	2.0328	= 2.8532
Small Seasonal	18.53	0.8514	+ -0.03100	2.0328	= 2.8532
Large	93.17	0.6214	+ -0.03100	2.0328	= 2.6232
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.56716	= 0.9269
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	5.6716	= 7.9106
Firm (304)	612.09	2.2390	+ 0.0000	5.6716	= 7.9106
Interruptible (303)	142.32	0.8500	+ 0.0000	5.6716	= 6.5216
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.8500
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after June 1 2022, per 20880 Note 2: UMERC Credit C removed July 2020. Credit C removed January 2023.					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate In Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2024

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.7240	3.1948	/Mcf U-21437
DTE Gas Company	Decrease	3.4000	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Decrease	3.8187	4.0223	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	4.0204	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.5442	4.7356	/Dth U-21435
Xcel Energy	Unchanged	5.6716	5.6716	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990	2.7240		/Mcf
-U-21437 - As Filed or as Ordered	5.2773	5.2773	5.2773	3.1948	3.1948		/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500	3.4000		/Mcf
-U-21439- As Filed or As Ordered	4.2100	4.2100	4.2100	3.7700	3.7700		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223	3.8187		/Mcf
-U-21441- As Filed or as Ordered	4.1736	4.1736	4.1736	4.0223	4.0223		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204	4.0204		/Dth
-U-21445 - As Filed or as Ordered	4.7310	4.7310	4.7310	4.0204	4.0204		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610	2.5442		/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356	4.7356	4.7356		/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716	5.6716		/Dth
-U-21443 - As Filed or as Ordered	6.1270	6.1270	6.1270	5.6716	5.6716		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2024

Calendar Year of GCR Factors

	Jul-24 \$/unit	Aug-24 \$/unit	Sep-24 \$/unit	Oct-24 \$/unit	Nov-24 \$/unit	Dec-24 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-21437 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-21439- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-21441- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-21445 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-21435 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-21443 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	13.60	0.55550	+ 0.27240	= 0.82790	\$96.39	15.8%
DTE Gas Company	17.09	0.45143	+ 0.34000	= 0.79143	\$96.23	15.6%
Michigan Gas Utilities Corp	13.00	0.29751	+ 0.38187	= 0.67938	\$80.94	-2.8%
Presque Isle E. & G. Coop.						
(Rates set by local government regulation, not by the MPSC)						
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.40204	= 0.67782	\$81.54	-2.1%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.25442	= 0.34746	\$39.75	-52.3%
Xcel Energy	12.00	0.35970	+ 0.56716	= 0.92686	\$104.69	25.7%
AVERAGE RATE	12.41	0.33883	+ 0.36965	= 0.53136	\$83.26	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2024

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)							
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.27240	=	0.82790
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191		0.27240	=	0.82790
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)							
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460		2.7240	=	7.9824
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160		2.7240	=	6.5894
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900		2.7240	=	6.2868
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900		2.7240	=	5.6548
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00	(\$/luminaire)							(\$/luminaire)							
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the September 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										May 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1 (\$/month)	See note 5	See note 2		See note 3 (volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500	From Utility		
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.00	0.05049	+	0.38859	+	0.34000	= 0.79143	
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500	0.34000	= 0.81408	
Customer Choice											
alternative suppliers	(see above)					(see above)	+	0.02400	From Others		
									per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000	From Utility		
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000	3.4000	= 8.1156	
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000	3.4000	= 7.4533	
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000	3.4000	= 6.9936	
Customer Choice											
alternative suppliers	(see above)					(see above)			From Others		
									per contract		
Transportation											
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			From Others		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract		
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

SEMCO ENERGY GAS COMPANY

May 1, 2024

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4			
RESIDENTIAL SERVICE										
							(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.79	0.72	0.05127	0.22451		+(0.30814	+ 0.09390	= 0.40204)
										0.67782
Customer Choice-Residential alternative suppliers	(see above)					(see above)		From Others	Balancing and Demand Charge	
								+ per contract	+ 0.09390	
COMMERCIAL & INDUSTRIAL SERVICE										
			(\$/month)							
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1) (>9 Dth)	(0-9 Dth)	15.00	1.99	1.81	2.635	1.9556		+(3.08140	+ 0.9390	+ 4.0204)
					0.0001	1.9556		3.08140	0.9390	4.0204
General Service (GS-2) (>9 Dth)	(0-9 Dth)	38.80	10.37	9.43	2.635	1.5226		+(3.08140	+ 0.9390	+ 4.0204)
					0.0001	1.5226		3.08140	0.9390	4.0204
General Service (GS-3) (>9 Dth)	(0-9 Dth)	116.20	62.55	56.87	2.635	1.1966		+(3.08140	+ 0.9390	+ 4.0204)
					0.0001	1.1966		3.08140	0.9390	4.0204
										8.61100
										5.97610
										8.17800
										5.54310
										7.85200
										5.21710
Customer Choice-Comm & Industrial alternative suppliers	(see above)					Distribution Charge (see above)		From Others	Balancing and Demand Charge	
								+ per contract	+ 0.93900	
		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
Transportation										
TR-1 (0-2500 Dth)		350.00	182.57	165.97	0.28430	75.00	0.03390	per contract	1.0334	0.0344
	(>2500 Dth)				0.0001		0.03390		1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45	0.28430	75.00	0.03390	per contract	0.8563	0.0344
	(>2500 Dth)				0.0001		0.03390		0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42	0.28430	75.00	0.03390	per contract	0.4669	0.0344
	(>2500 Dth)				0.0001		0.03390		0.4669	0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: EWR charge effective on and after January 1, 2024										
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.										
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.										
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
surcharges are in addition to rates above										
Rates Reference: see Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

May 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.25442	= 0.3475
Seasonal	10.00	0.09614	+ -0.00310	0.25442	= 0.3475
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	2.5442	= 3.3646
Small Seasonal	18.53	0.8514	+ -0.03100	2.5442	= 3.3646
Large	93.17	0.6214	+ -0.03100	2.5442	= 3.1346
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.56716	= 0.9269
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	5.6716	= 7.9106
Firm (304)	612.09	2.2390	+ 0.0000	5.6716	= 7.9106
Interruptible (303)	142.32	0.8500	+ 0.0000	5.6716	= 6.5216
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate In Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.8990	3.1948	/Mcf U-21437
DTE Gas Company	Decrease	3.6500	3.7700	/Mcf U-21439
Michigan Gas Utilities Corp	Increase	4.0223	4.0223	/Mcf U-21441
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	4.0204	4.0204	/Dth U-21445
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.4610	4.7356	/Dth U-21435
Xcel Energy	Decrease	5.6716	5.6716	/Dth U-21443

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322	2.8990			/Mcf
<u>-U-21437 - As Filed or as Ordered</u>	5.2773	5.2773	5.2773	3.1948			/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500	3.6500			/Mcf
<u>-U-21439- As Filed or As Ordered</u>	4.2100	4.2100	4.2100	3.7700			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733	4.0223			/Mcf
<u>-U-21441- As Filed or as Ordered</u>	4.1736	4.1736	4.1736	4.0223			/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000	4.0204			/Dth
<u>-U-21445 - As Filed or as Ordered</u>	4.7310	4.7310	4.7310	4.0204			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838	4.4610			/Dth
<u>-U-21435 - As Filed or As Ordered</u>	4.7356	4.7356	4.7356	4.7356			/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270	5.6716			/Dth
<u>-U-21443 - As Filed or as Ordered</u>	6.1270	6.1270	6.1270	5.6716			/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2024

Calendar Year of GCR Factors

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21437 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21439- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21441- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21445 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21443 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	13.60	0.55550	+ 0.28990	= 0.84540	\$98.14	12.2%
DTE Gas Company	17.09	0.45143	+ 0.36500	= 0.81643	\$98.73	12.8%
Michigan Gas Utilities Corp	13.00	0.29751	+ 0.40223	= 0.69974	\$82.97	-5.2%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.40204	= 0.67782	\$81.54	-6.8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.44610	= 0.53914	\$58.91	-32.7%
Xcel Energy	12.00	0.35970	+ 0.56716	= 0.92686	\$104.69	19.6%
AVERAGE RATE	12.41	0.33883	+ 0.41207	= 0.56317	\$87.50	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											April 1, 2024		
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3		
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)					
Sales												From Utility	
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191	0.28990	= 0.84540
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191	0.28990	= 0.84540
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)									(see above)		per contract	
* including EO Surcharge (Note 2)													
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)					
Sales												From Utility	
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460	2.8990	= 8.1574
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160	2.8990	= 6.7644
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900	2.8990	= 6.4618
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900	2.8990	= 5.8298
Customer Choice												From Others	
alternative suppliers	(see above)									(see above)		per contract	
Transportation												From Others	
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140	per contract	
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617	per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157	per contract	
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00					per contract	
OTHER Sheet D-14.00	(\$/luminaire)						(\$/luminaire)						
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	9.00						0.00				includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00				includes gas		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312													
Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see						Rate Books						

DTE GAS COMPANY										April 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1	See note 5	See note 2			See note 3				
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales								From Utility			
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.03500	0.36500	=	0.81643
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.00	0.05049	+	0.38859	+	0.03500	0.36500	= 0.83908
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.03500	0.36500	=	0.83908
Customer Choice								From Others			
alternative suppliers	(see above)					(see above)	+	0.02400	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales								From Utility			
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.35000	3.6500	=	8.3656
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.35000	3.6500	=	7.7033
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.35000	3.6500	=	7.2436
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.35000	3.6500	=	7.2785
Customer Choice								From Others			
alternative suppliers	(see above)					(see above)		per contract			
Transportation								From Others			
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906		per contract			
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512		per contract			
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300		per contract			
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427		per contract			
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554		per contract			
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300		per contract			
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060		per contract			
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321		per contract			
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800		per contract			
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933		per contract			
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321		per contract			
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500		per contract			
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										April 1, 2024		
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge				Total Vol Charge	
		see note 3	see note 1	see note 4	see note 4	see note 2						
RESIDENTIAL SERVICE	(\$/month)		(\$/Ccf metered)	(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.00	0.01512		0.00000	0.00391	0.27848	+(0.33591	+ 0.06632	= 0.40223	)= 0.69974
Customer Choice-Residential								From Others	Reservation Charge			
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ per contract	+ 0.06632			
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)					(volumetric charges in \$/Mcf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.00	3.60		0.0000	0.03910	1.82280	+(3.3591	+ 0.6632	= 4.0223	)= 5.88420
Medium General Service	50.00	0.00	30.16	0.00	0.0000	0.03910	1.76610	+(3.3591	+ 0.6632	= 4.0223	)= 6.82750
Large General Service	425.00	0.00	145.41	0.00	0.0000	0.03910	1.16840	+(3.3591	+ 0.6632	= 4.0223	)= 5.22980
GasLight Rate-Commercial			3.76			0.03910	1.82280	+(3.3591	+ 0.6632	= 4.0223	)= 5.88420
Customer Choice-Comm. & Ind.								From Others	Reservation Charge			
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.6632			
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation		\$/mo										
TR-1	925.00	0.00	38.91				0.8606	0.6937				
TR-2	2,525.00	0.00	211.34				0.5268	0.3625				
TR-3	3,205.00	0.00	918.93				0.5135	0.3476				
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.												
o												
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366. -- Removed												
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517- REMOVED												
Customer Attachment Program surcharges are in addition to rates above												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

SEMCO ENERGY GAS COMPANY											April 1, 2024		
		Customer Charge	IRIP	Rider MRP Charge	Pipeline Refund Credit	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge	Pipeline Refund Credit			Total Charge	
RESIDENTIAL SERVICE			see note 3	see note 2	see note 5	see note 1		see note 4	see note 5	(volumetric charges in \$/Therm metered)			
Sales									Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.79	0.72		0.05127	0.22451		0.00000	+(0.30814	+ 0.09390	= 0.40204)= 0.67782	
Customer Choice-Residential alternative suppliers		(see above)					(see above)		From Others	Balancing and Demand Charge			
									+ per contract	+ 0.09390			
COMMERCIAL & INDUSTRIAL SERVICE									(volumetric charges in \$/Dth metered)				
Sales			(\$/month)						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	1.99	1.81		2.635	1.9556		0.00000	+(3.08140	+ 0.9390	+ 4.0204)= 8.61100	
		(>9 Dth)				0.0001	1.9556			3.08140	0.9390	4.0204	5.97610
General Service (GS-2) (0-9 Dth)		38.80	10.37	9.43	0.00	2.635	1.5226		0.00000	+(3.08140	+ 0.9390	+ 4.0204)= 8.17800	
		(>9 Dth)				0.0001	1.5226			3.08140	0.9390	4.0204	5.54310
General Service (GS-3) (0-9 Dth)		116.20	62.55	56.87	0.00	2.635	1.1966		0.00000	+(3.08140	+ 0.9390	+ 4.0204)= 7.85200	
		(>9 Dth)				0.0001	1.1966			3.08140	0.9390	4.0204	5.21710
Customer Choice-Comm & Industrial alternative suppliers		(see above)					Distribution Charge		From Others	Balancing and Demand Charge			
							(see above)		+ per contract	+ 0.93900			
Transportation		Customer Charge	IRIP	MRP Charge		EWR Charge	Remote Meter Charge	Facility Improvement Demand Surcharge	From Others	Distribution Charge	Balancing Recovery Rate		
		(\$/month)	(\$/month)	(\$/month)		\$/Dth	(\$/month)	\$/Dth					
TR-1 (0-2500 Dth)		350.00	182.57	165.97		0.28430	75.00	0.03390	per contract	1.0334	0.0344		
		(>2500 Dth)				0.0001		0.03390		1.0334	0.0344		
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45		0.28430	75.00	0.03390	per contract	0.8563	0.0344		
		(>2500 Dth)				0.0001		0.03390		0.8563	0.0344		
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42		0.28430	75.00	0.03390	per contract	0.4669	0.0344		
		(>2500 Dth)				0.0001		0.03390		0.4669	0.0344		
OTHER													
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.											
Note 1:		EWR charge effective on and after January 1, 2024											
Note 2:		New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3:		Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.											
Note 4:		Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year											
Note 5:		Pipeline Refund Credit effective Januaray 1, 2024, per U-21516 and will continue through March 31, 2024.--REMOVED											
Rates at semcoenergy.com													
Customer Attachment Program													
Understanding your bill at semcoenergygas.com													
Rates Reference: see		surcharges are in addition to rates above											
		Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

April 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.44610	= 0.5391
Seasonal	10.00	0.09614	+ -0.00310	0.44610	= 0.5391
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	4.4610	= 5.2814
Small Seasonal	18.53	0.8514	+ -0.03100	4.4610	= 5.2814
Large	93.17	0.6214	+ -0.03100	4.4610	= 5.0514
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.56716	= 0.9269
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	5.6716	= 7.9106
Firm (304)	612.09	2.2390	+ 0.0000	5.6716	= 7.9106
Interruptible (303)	142.32	0.8500	+ 0.0000	5.6716	= 6.5216
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.7322	5.2773	/Mcf U-21269
DTE Gas Company	Unchanged	3.7500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	3.8733	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	4.0000	4.7310	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.8377	4.7356	/Dth U-21435
Xcel Energy	Unchanged	6.1270	6.1270	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0461	2.9527	2.7322				/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773	5.2773				/Mcf
DTE Gas Company							
- As Currently Billed	3.7500	3.7500	3.7500				/Mcf
-U-21064- As Filed or As Ordered	4.2100	4.2100	4.2100				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5190	3.5759	3.8733				/Mcf
-U-21273- As Filed or as Ordered	4.1736	4.1736	4.1736				/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.9990	4.2950	4.0000				/Dth
-U-21277 - As Filed or as Ordered	4.7310	4.7310	4.7310				/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.1930	3.8898	3.3838				/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356	4.7356				/Dth
Xcel Energy							
- As Currently Billed	6.1270	6.1270	6.1270				/Dth
-U-21275 - As Filed or as Ordered	6.1270	6.1270	6.1270				/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2024

Calendar Year of GCR Factors

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21269 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21064- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21273- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21277 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21275 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	13.60	0.55550	+ 0.27322	= 0.82872	\$96.47	12.0%
DTE Gas Company	17.09	0.44143	+ 0.37500	= 0.81643	\$98.73	14.6%
Michigan Gas Utilities Corp	13.00	0.26528	+ 0.38733	= 0.65261	\$78.26	-9.1%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.40000	= 0.67578	\$81.34	-5.6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.38377	= 0.47681	\$52.68	-38.8%
Xcel Energy	12.00	0.35970	+ 0.61270	= 0.97240	\$109.24	26.8%
AVERAGE RATE	12.41	0.33179	+ 0.40534	= 0.55284	\$86.12	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											March 1, 2024				
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)							
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191	0.27322	=	0.82872	
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.03359	+	0.52191	0.27322	=	0.82872	
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)									(see above)			per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)							
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.6638	+	4.59460	2.7322	=	7.9906	
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.6638	+	3.20160	2.7322	=	6.5976	
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.6638	+	2.89900	2.7322	=	6.2950	
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0318	+	2.89900	2.7322	=	5.6630	
Customer Choice													From Others		
alternative suppliers	(see above)									(see above)			per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.6638		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0318		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.6638		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0318		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.6638		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0318		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00		(\$/luminaire)					(\$/luminaire)								
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00				includes gas				
2.6 to 4.5 CF/Hr	15.00						0.00				includes gas				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Energy efficiency charge effective on the March 2024 billing month, per U-21312															
Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344-- REMOVED															
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference:	see						Rate Books								

DTE GAS COMPANY										March 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.02500	0.37500	= 0.81643	
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.00	0.05049	+	0.38859	+	0.02500	0.37500 = 0.83908	
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.02500	0.37500	= 0.83908	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02000	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.25000	3.7500	= 8.3656	
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.25000	3.7500	= 7.7033	
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.25000	3.7500	= 7.2436	
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.25000	3.7500	= 7.2785	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			per contract		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract		
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										March 1, 2024	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
	see note 3	see note 1	see note 4	see note 4	see note 4	see note 2					
	(\$/month)		(\$/Ccf metered)	(\$/month)			(volumetric charges in \$/Ccf metered)				
RESIDENTIAL SERVICE											
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.00	0.01512		-0.03223	0.00391	0.27848	+(0.33220	+ 0.05513	= 0.38733)= 0.65261	
Customer Choice-Residential							From Others	Reservation Charge			
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ per contract	+ 0.05513		
COMMERCIAL & INDUSTRIAL SERVICE											
			(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.00	3.60		-0.3168	0.03910	1.82280	+(3.3220	+ 0.5513	= 3.8733)= 5.41840	
Medium General Service	50.00	0.00	30.16	-16.37	-0.1462	0.03910	1.76610	+(3.3220	+ 0.5513	= 3.8733)= 6.53230	
Large General Service	425.00	0.00	145.41	-344.62	-0.2272	0.03910	1.16840	+(3.3220	+ 0.5513	= 3.8733)= 5.08080	
GasLight Rate-Commercial			3.76			0.03910	1.82280	+(3.3220	+ 0.5513	= 3.8733)= 5.73520	
Customer Choice-Comm. & Ind.							From Others	Reservation Charge			
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.5513		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation		\$/mo									
TR-1	925.00	0.00	38.91				0.8606	0.6937			
TR-2	2,525.00	0.00	211.34				0.5268	0.3625			
TR-3	3,205.00	0.00	918.93				0.5135	0.3476			
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.											
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366.											
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY											March 1, 2024		
		Customer Charge	IRIP	Rider MRP Charge	Pipeline Refund Credit	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge	Pipeline Refund Credit				Total Charge
RESIDENTIAL SERVICE			see note 3	see note 2	See note 5	see note 1		see note 4	See note 5	(volumetric charges in \$/Therm metered)			
Sales										Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.79	0.72		0.05127	0.22451		-0.02639	+(0.29800	+ 0.10200	= 0.40000	)= 0.67578
Customer Choice-Residential alternative suppliers		(see above)					(see above)			From Others	Balancing and Demand Charge		
										+ per contract	+ 0.10200		
COMMERCIAL & INDUSTRIAL SERVICE										(volumetric charges in \$/Dth metered)			
Sales			(\$/month)							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	1.99	1.81		2.635	1.9556		-0.2483	+(2.98000	+ 1.0200	+ 4.0000	)= 8.59060
						0.0001	1.9556			2.98000	1.0200	4.0000	5.95570
General Service (GS-2) (0-9 Dth)		38.80	10.37	9.43	-28.47	2.635	1.5226		-0.1358	+(2.98000	+ 1.0200	+ 4.0000	)= 8.15760
						0.0001	1.5226			2.98000	1.0200	4.0000	5.52270
General Service (GS-3) (0-9 Dth)		116.20	62.55	56.87	-175.52	2.635	1.1966		-0.1464	+(2.98000	+ 1.0200	+ 4.0000	)= 7.83160
						0.0001	1.1966			2.98000	1.0200	4.0000	5.19670
Customer Choice-Comm & Industrial alternative suppliers		(see above)					Distribution Charge (see above)			From Others	Balancing and Demand Charge		
										+ per contract	+ 1.02000		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)		EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)		From Others	Distribution Charge (\$/Dth)		Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	182.57	165.97		0.28430	75.00	0.03580		per contract	1.0334		0.0344
						0.0001		0.03580			1.0334		0.0344
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45		0.28430	75.00	0.03580		per contract	0.8563		0.0344
						0.0001		0.03580			0.8563		0.0344
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42		0.28430	75.00	0.03580		per contract	0.4669		0.0344
						0.0001		0.03580			0.4669		0.0344
OTHER													
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.											
Note 1: EWR charge effective on and after January 1, 2024													
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.													
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.													
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year													
Note 5: Pipeline Refund Credit effective Januaray 1, 2024, per U-21516 and will continue through March 31, 2024.													
Rates at semcoenergy.com													
Customer Attachment Program													
Understanding your bill at semcoenergygas.com													
Rates Reference: see surcharges are in addition to rates above													
Rate Books for more details													

OTHER MICHIGAN-PSC REGULATED

March 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.38377	= 0.4768
Seasonal	10.00	0.09614	+ -0.00310	0.38377	= 0.4768
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	3.8377	= 4.6581
Small Seasonal	18.53	0.8514	+ -0.03100	3.8377	= 4.6581
Large	93.17	0.6214	+ -0.03100	3.8377	= 4.4281
Rates Reference:	See Rate Books for more details				

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.61270	= 0.9724
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	6.1270	= 8.3660
Firm (304)	612.09	2.2390	+ 0.0000	6.1270	= 8.3660
Interruptible (303)	142.32	0.8500	+ 0.0000	6.1270	= 6.9770
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)		Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0227
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.9527	5.2773	/Mcf U-21269
DTE Gas Company	Unchanged	3.7500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	3.5759	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	4.2950	4.7310	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.8898	4.7356	/Dth U-21435
Xcel Energy	Unchanged	6.1270	6.1270	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Company						
- As Currently Billed	3.0461	2.9527				/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773				/Mcf
DTE Gas Company						
- As Currently Billed	3.7500	3.7500				/Mcf
-U-21064- As Filed or As Ordered	4.2100	4.2100				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5190	3.5759				/Mcf
-U-21273- As Filed or as Ordered	4.1736	4.1736				/Mcf
Presque Isle E. & G. Coop. *			(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Company						
- As Currently Billed	3.9990	4.2950				/Dth
-U-21277 - As Filed or as Ordered	4.7310	4.7310				/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.1930	3.8898				/Dth
-U-21435 - As Filed or As Ordered	4.7356	4.7356				/Dth
Xcel Energy						
- As Currently Billed	6.1270	6.1270				/Dth
-U-21275 - As Filed or as Ordered	6.1270	6.1270				/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2024

Calendar Year of GCR Factors

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21269 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21064- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21273- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21277 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21435 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21275 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	13.60	0.56434	+ 0.29527	= 0.85961	\$99.56	14.8%
DTE Gas Company	17.09	0.44143	+ 0.37500	= 0.81643	\$98.73	13.9%
Michigan Gas Utilities Corp	13.00	0.26528	+ 0.35759	= 0.62287	\$75.29	-13.2%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.42950	= 0.70528	\$84.29	-2.8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.38898	= 0.48202	\$53.20	-38.6%
Xcel Energy	12.00	0.35970	+ 0.61270	= 0.97240	\$109.24	26.0%
AVERAGE RATE	12.41	0.33326	+ 0.40984	= 0.55733	\$86.72	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											February 1, 2024		
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3		
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)					
Sales												From Utility	
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.04243	+	0.52191	0.29527	= 0.85961
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.04243	+	0.52191	0.29527	= 0.85961
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													
Customer Choice												From Others	
alternative suppliers	(see above)									(see above)		per contract	
* including EO Surcharge (Note 2)													
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)					
Sales												From Utility	
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.5045	+	4.59460	2.9527	= 8.0518
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.5045	+	3.20160	2.9527	= 6.6588
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.5045	+	2.89900	2.9527	= 6.3562
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0167	+	2.89900	2.9527	= 5.8684
Customer Choice												From Others	
alternative suppliers	(see above)									(see above)		per contract	
Transportation												From Others	
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.5045		1.7140	per contract	
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0167		1.7140	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.5045		1.4025	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0167		1.4025	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.5045		1.0617	per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0167		0.6157	per contract	
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00					per contract	
OTHER Sheet D-14.00	(\$/luminaire)						(\$/luminaire)						
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	9.00						0.00				includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00				includes gas		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Energy efficiency charge effective on the January 2024 billing month, per U-21312													
Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.													
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED													
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--REMOVED													
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:	see						Rate Books						

DTE GAS COMPANY										February 1, 2024	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 5	See note 2				See note 3			
RESIDENTIAL SERVICE		(\$/month)				'(volumetric charges in \$/Ccf)					
Sales									From Utility		
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.02500	0.37500	= 0.81643	
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.00	0.05049	+	0.38859	+	0.02500	0.37500 = 0.83908	
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.02500	0.37500	= 0.83908	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	+	0.02000	per contract		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales									From Utility		
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.25000	3.7500	= 8.3656	
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.25000	3.7500	= 7.7033	
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.25000	3.7500	= 7.2436	
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.25000	3.7500	= 7.2785	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)			per contract		
Transportation									From Others		
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			per contract		
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract		
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract		
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract		
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract		
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract		
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract		
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract		
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract		
EUT Exploratory Program				0.0262							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										February 1, 2024	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
		see note 3	see note 1	see note 4	see note 4	see note 2					
	(\$/month)		(\$/Ccf metered)	(\$/month)				(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE											
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.00	0.01512		-0.03223	0.00391	0.27848	+(0.28855	+ 0.06904	= 0.35759)= 0.62287	
Customer Choice-Residential								From Others	Reservation Charge		
alternative suppliers	(see above)			(see above)		N/A	(see above)	+ per contract	+ 0.06904		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)								
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	0.00	3.60		-0.3168	0.03910	1.82280	+(2.8855	+ 0.6904	= 3.5759)= 5.12100	
Medium General Service	50.00	0.00	30.16	-16.37	-0.1462	0.03910	1.76610	+(2.8855	+ 0.6904	= 3.5759)= 6.23490	
Large General Service	425.00	0.00	145.41	-344.62	-0.2272	0.03910	1.16840	+(2.8855	+ 0.6904	= 3.5759)= 4.78340	
GasLight Rate-Commercial			3.76			0.03910	1.82280	+(2.8855	+ 0.6904	= 3.5759)= 5.43780	
Customer Choice-Comm. & Ind.								From Others	Reservation Charge		
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.6904		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation			\$/mo								
TR-1	925.00	0.00	38.91				0.8606	0.6937			
TR-2	2,525.00	0.00	211.34				0.5268	0.3625			
TR-3	3,205.00	0.00	918.93				0.5135	0.3476			
<p>Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.</p> <p>Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366.</p> <p>Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517</p> <p>Customer Attachment Program surcharges are in addition to rates above</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p>											

SEMCO ENERGY GAS COMPANY												February 1, 2024	
		Customer Charge	IRIP	Rider MRP Charge	Pipeline Refund Credit	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge	Pipeline Refund Credit				Total Charge
RESIDENTIAL SERVICE			see note 3	see note 2	see note 5	see note 1		see note 4	see note 5	(volumetric charges in \$/Therm metered)			
Sales									Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.79	0.72		0.05127	0.22451		-0.02639	+(0.32750	+ 0.10200	= 0.42950	)= 0.70528
Customer Choice-Residential alternative suppliers		(see above)					(see above)		From Others	Balancing and Demand Charge			
									+ per contract	+ 0.10200			
COMMERCIAL & INDUSTRIAL SERVICE									(volumetric charges in \$/Dth metered)				
Sales			(\$/month)						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	1.99	1.81		2.635	1.9556		-0.2483	+(3.27500	+ 1.0200	+ 4.2950	)= 8.88560
		(>9 Dth)				0.0001	1.9556			3.27500	+ 1.0200	+ 4.2950	)= 6.25070
General Service (GS-2) (0-9 Dth)		38.80	10.37	9.43	-28.47	2.635	1.5226		-0.1358	+(3.27500	+ 1.0200	+ 4.2950	)= 8.45260
		(>9 Dth)				0.0001	1.5226			3.27500	+ 1.0200	+ 4.2950	)= 5.81770
General Service (GS-3) (0-9 Dth)		116.20	62.55	56.87	-175.52	2.635	1.1966		-0.1464	+(3.27500	+ 1.0200	+ 4.2950	)= 8.12660
		(>9 Dth)				0.0001	1.1966			3.27500	+ 1.0200	+ 4.2950	)= 5.49170
Customer Choice-Comm & Industrial alternative suppliers		(see above)					Distribution Charge		From Others	Balancing and Demand Charge			
							(see above)		+ per contract	+ 1.02000			
		Customer Charge	IRIP	MRP Charge		EWR Charge	Remote Meter Charge	Facility Improvement Demand Surcharge		From Others	Distribution Charge		Balancing Recovery Rate
Transportation		(\$/month)	(\$/month)	(\$/month)		\$/Dth	(\$/month)	\$/Dth					
TR-1 (0-2500 Dth)		350.00	182.57	165.97		0.28430	75.00	0.03580		per contract	1.0334		0.0344
		(>2500 Dth)				0.0001		0.03580			1.0334		0.0344
TR-2 (0-2500 Dth)		1,089.15	922.30	838.45		0.28430	75.00	0.03580		per contract	0.8563		0.0344
		(>2500 Dth)				0.0001		0.03580			0.8563		0.0344
TR-3 (0-2500 Dth)		10,831.50	4609.49	4190.42		0.28430	75.00	0.03580		per contract	0.4669		0.0344
		(>2500 Dth)				0.0001		0.03580			0.4669		0.0344
OTHER													
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.											
Note 1: EWR charge effective on and after January 1, 2024													
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.													
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.													
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year													
Note 5: Pipeline Refund Credit effective Januaray 1, 2024, per U-21516 and will continue through March 31, 2024.													
Rates at semcoenergy.com													
Customer Attachment Program													
Understanding your bill at semcoenergygas.com													
surcharges are in addition to rates above													
Rates Reference: see Rate Books for more details													

OTHER MICHIGAN-PSC REGULATED

February 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.38898	= 0.4820
Seasonal	10.00	0.09614	+ -0.00310	0.38898	= 0.4820
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	3.8898	= 4.7102
Small Seasonal	18.53	0.8514	+ -0.03100	3.8898	= 4.7102
Large	93.17	0.6214	+ -0.03100	3.8898	= 4.4802
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.61270	= 0.9724
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	6.1270	= 8.3660
Firm (304)	612.09	2.2390	+ 0.0000	6.1270	= 8.3660
Interruptible (303)	142.32	0.8500	+ 0.0000	6.1270	= 6.9770
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)		Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2024

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.0461	5.2773	/Mcf U-21269
DTE Gas Company	Decrease	3.7500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	3.5190	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.9990	4.7310	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	4.1930	4.7356	/Dth U-21435
Xcel Energy	Decrease	6.1270	6.1270	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2024

Calendar Year of GCR Factors

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.0461					/Mcf
-U-21269 - As Filed or as Ordered	5.2773					/Mcf
DTE Gas Company						
- As Currently Billed	3.7500					/Mcf
-U-21064- As Filed or As Ordered	4.2100					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5190					/Mcf
-U-21273- As Filed or as Ordered	4.1736					/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed	3.9990					/Dth
-U-21277 - As Filed or as Ordered	4.7310					/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.1930					/Dth
-U-21435 - As Filed or As Ordered	4.7356					/Dth
Xcel Energy						
- As Currently Billed	6.1270					/Dth
-U-21275 - As Filed or as Ordered	6.1270					/Dth

GAS COST RECOVERY FACTOR HISTORY

January 1, 2024

Calendar Year of GCR Factors

	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-21269 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-21064- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-21273- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-21277 - As Filed or as Ordered							/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-21435 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-21275 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2024

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	13.60	0.56434	+ 0.30461	= 0.86895	\$100.50	15.8%
DTE Gas Company	17.09	0.44143	+ 0.37500	= 0.81643	\$98.73	13.8%
Michigan Gas Utilities Corp	13.00	0.26528	+ 0.35190	= 0.61718	\$74.72	-13.9%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.76	0.27578	+ 0.39990	= 0.67568	\$81.33	-6.3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.41930	= 0.51234	\$56.23	-35.2%
Xcel Energy	12.00	0.35970	+ 0.61270	= 0.97240	\$109.24	25.9%
AVERAGE RATE	12.41	0.33326	+ 0.41057	= 0.55787	\$86.79	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											January 1, 2024				
	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)							
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.04243	+	0.52191		0.30461	=	0.86895
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.04243	+	0.52191		0.30461	=	0.86895
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)							
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.5045	+	4.59460		3.0461	=	8.1452
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.5045	+	3.20160		3.0461	=	6.7522
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.5045	+	2.89900		3.0461	=	6.4496
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0167	+	2.89900		3.0461	=	5.9618
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation												(volumetric charges in \$/Mcf)	From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.5045		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0167		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.5045		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0167		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.5045		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0167		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00			(\$/luminaire)				(\$/luminaire)								
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00					includes gas			
2.6 to 4.5 CF/Hr	15.00						0.00					includes gas			
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Energy efficiency charge effective on the January 2024 billing month, per U-21312															
Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344-- REMOVED															
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference:	see						Rate Books								

DTE GAS COMPANY								January 1, 2024	
	Customer Charge See note 4	IRM Surcharge See note 1 (\$/month)	RDM Surcharge See note 5	EWR Surcharge See note 2		Distribution Charge	Reservation Charge See note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE						'(volumetric charges in \$/Ccf)			
Sales								From Utility	
Residential Service - Rate A	13.50	3.78	0.00	0.02784	+	0.38859	+	0.02500	0.37500 = 0.81643
Residential Multi Family Rate 2A Class 1	13.50	23.74	+	0.05049	+	0.38859	+	0.02500	0.37500 = 0.83908
Residential Multi Family Rate 2A Class 2	40.00	23.74	0.00	0.05049	+	0.38859	+	0.02500	0.37500 = 0.83908
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)	+	0.01500	per contract
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales								From Utility	
Rate GS-1	40.00	17.05	0.00	0.5049	+	3.8607	+	0.25000	3.7500 = 8.3656
Rate GS-2 (<100,000 Mcf)	750.00	17.05	0.00	0.5049	+	3.1984	+	0.25000	3.7500 = 7.7033
Rate GS-2 (>100,000 Mcf)	750.00	17.05	0.00	0.0452	+	3.1984	+	0.25000	3.7500 = 7.2436
Rate S	225.00	225.28	0.00	0.5049	+	2.7736	+	0.25000	3.7500 = 7.2785
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)			per contract
Transportation								From Others	
Rate ST (cost based rate)	2,780.00	855.24	0.00	0.0452		1.4906			per contract
Maximum (optional)	2,780.00	855.24	0.00	0.0452		2.7512			per contract
Minimum (optional)	2,780.00	855.24	0.00	0.0452		0.2300			per contract
Rate LT (cost based rate)	6,780.00	4158.81	0.00	0.0452		0.9427			per contract
Maximum (optional)	6,780.00	4158.81	0.00	0.0452		1.6554			per contract
Minimum (optional)	6,780.00	4158.81	0.00	0.0452		0.2300			per contract
Rate XLT (cost based rate)	17,250.00	17,250.00	0.00	0.0452		0.7060			per contract
Maximum (optional)	17,250.00	17,250.00	0.00	0.0452		1.2321			per contract
Minimum (optional)	17,250.00	17,250.00	0.00	0.0452		0.1800			per contract
Rate XXLTL (cost based rate)	169,835.00	5,923.43	0.00	0.0452		0.1933			per contract
Maximum (optional)	169,835.00	5,923.43	0.00	0.0452		1.2321			per contract
Minimum (optional)	169,835.00	5,923.43	0.00	0.0452		0.0500			per contract
EUT Exploratory Program				0.0262					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00					.0470/cubic foot			
Note 1: Effective January 2024, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2024 and ending December 31, 2024									
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024									
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round									
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference: see Rate Books for more details									

MICHIGAN GAS UTILITIES CORP.										January 1, 2024	
	Customer Charge	MRP Rider	EWR Surcharge	Pipeline Refund Credit	Pipeline Refund Credit	Gas Supply Acquisition	Distribution Charge			Total Vol Charge	
		see note 3	see note 1	see note 4	see note 4	see note 2					
	(\$/month)		(\$/Ccf metered)	(\$/month)				(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE											
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.00	0.01512		-0.03223	0.00391	0.27848	+(0.28286	+ 0.06904	= 0.35190)= 0.61718	
Customer Choice-Residential								From Others	Reservation Charge		
alternative suppliers	(see above)			(see above)	(see above)	N/A	(see above)	+ per contract	+ 0.06904		
COMMERCIAL & INDUSTRIAL SERVICE											
			(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	0.00	3.60		-0.3168	0.03910	1.82280	+(2.8286	+ 0.6904	= 3.5190)= 5.06410	
Medium General Service	50.00	0.00	30.16	-16.37	-0.1462	0.03910	1.76610	+(2.8286	+ 0.6904	= 3.5190)= 6.17800	
Large General Service	425.00	0.00	145.41	-344.62	-0.2272	0.03910	1.16840	+(2.8286	+ 0.6904	= 3.5190)= 4.72650	
GasLight Rate-Commercial			3.76			0.03910	1.82280	+(2.8286	+ 0.6904	= 3.5190)= 5.38090	
Customer Choice-Comm. & Ind.								From Others	Reservation Charge		
alternative suppliers	(see above)					N/A	(see above)	+ per contract	+ 0.6904		
	Customer Charge	MRP Rider	EWR Surcharge				On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation			\$/mo								
TR-1	925.00	0.00	38.91				0.8606	0.6937			
TR-2	2,525.00	0.00	211.34				0.5268	0.3625			
TR-3	3,205.00	0.00	918.93				0.5135	0.3476			
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.											
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: The Main Replacement Program rider will be paused from January 1, 2024 until December 31st, 2024. The rider will be reinstated January 1st, 2025, through December 31st, 2027, per the order in Case No. U-21366.											
Note 4: Pipeline Refund Credit is effective for bills rendered for the January 2024 through the March 2024 billing months, per the order in Case No. U-21517											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY										January 1, 2024				
		Customer Charge	IRIP	Rider MRP Charge	Pipeline Refund Credit	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge	Pipeline Refund Credit					Total Charge
			see note 3	see note 2	See note 5	see note 1		see note 4	See note 5	(volumetric charges in \$/Therm metered)				
RESIDENTIAL SERVICE				(\$/month)										
Sales										Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.79	0.72		0.05127	0.22451		-0.02639	+(0.29008	+ 0.10982	=	0.39990	)= 0.67568
Customer Choice-Residential alternative suppliers		(see above)					(see above)			From Others	Balancing and Demand Charge			
										+ per contract	+ 0.10982			
COMMERCIAL & INDUSTRIAL SERVICE				(\$/month)										
Sales										Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	15.00	1.99	1.81		2.635	1.9556		-0.2483	+(2.90080	+ 1.0982	+ 3.9990	)=	8.58960
	(>9 Dth)					0.0001	1.9556			2.90080	1.0982	3.9990		5.95470
General Service (GS-2)	(0-9 Dth)	38.80	10.37	9.43	-28.47	2.635	1.5226		-0.1358	+(2.90080	+ 1.0982	+ 3.9990	)=	8.15660
	(>9 Dth)					0.0001	1.5226			2.90080	1.0982	3.9990		5.52170
General Service (GS-3)	(0-9 Dth)	116.20	62.55	56.87	-175.52	2.635	1.1966		-0.1464	+(2.90080	+ 1.0982	+ 3.9990	)=	7.83060
	(>9 Dth)					0.0001	1.1966			2.90080	1.0982	3.9990		5.19570
Customer Choice-Comm & Industrial alternative suppliers		(see above)					Distribution Charge (see above)			From Others	Balancing and Demand Charge			
										+ per contract	+ 1.09820			
Transportation		Customer Charge	IRIP	MRP Charge		EWR Charge	Remote Meter Charge	Facility Improvement Demand Surcharge		From Others	Distribution Charge		Balancing Recovery Rate	
		(\$/month)	(\$/month)	(\$/month)		\$/Dth	(\$/month)	\$/Dth						\$/Dth
TR-1	(0-2500 Dth)	350.00	182.57	165.97		0.28430	75.00	0.03580		per contract	\$/Dth 1.0334			0.0344
	(>2500 Dth)					0.0001		0.03580			1.0334			0.0344
TR-2	(0-2500 Dth)	1,089.15	922.30	838.45		0.28430	75.00	0.03580		per contract	0.8563			0.0344
	(>2500 Dth)					0.0001		0.03580			0.8563			0.0344
TR-3	(0-2500 Dth)	10,831.50	4609.49	4190.42		0.28430	75.00	0.03580		per contract	0.4669			0.0344
	(>2500 Dth)					0.0001		0.03580			0.4669			0.0344
OTHER														
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.												
Note 1: EWR charge effective on and after January 1, 2024														
Note 2: New MRP effective on and after January 2024; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.														
Note 3: Effective on and after January 1, 2024, per U-20479, and will continue until new rates are established in a future contested case addressing the IRIP.														
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year														
Note 5: Pipeline Refund Credit effective January 1, 2024, per U-21516 and will continue through March 31, 2024.														
Rates at semcoenergy.com														
Customer Attachment Program														
Understanding your bill at semcoenergygas.com														
Rates Reference: see		surcharges are in addition to rates above												
		Rate Books for more details												

OTHER MICHIGAN-PSC REGULATED

January 1, 2024

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.41930	= 0.5123
Seasonal	10.00	0.09614	+ -0.00310	0.41930	= 0.5123
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	4.1930	= 5.0134
Small Seasonal	18.53	0.8514	+ -0.03100	4.1930	= 5.0134
Large	93.17	0.6214	+ -0.03100	4.1930	= 4.7834
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.35970	+ 0.00000	0.61270	= 0.9724
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.2390	+ 0.0000	6.1270	= 8.3660
Firm (304)	612.09	2.2390	+ 0.0000	6.1270	= 8.3660
Interruptible (303)	142.32	0.8500	+ 0.0000	6.1270	= 6.9770
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)		Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	82.77	25.00	0.0000	25.00	0.8500

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.4920	5.2773	/Mcf U-21269
DTE Gas Company	Increase	3.8500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	3.8478	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	4.2500	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.7356	4.7356	/Dth U-21435
Xcel Energy	Unchanged	6.6042	6.6042	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21435 - As Filed or As Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

December 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.3767	3.5044	3.5063	3.4549	3.5123	3.4920	/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773	5.2773	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.5500	2.8000	3.1000	3.7500	3.8500	/Mcf
-U-21064- As Filed or As Ordered	4.2100	4.2100	4.2100	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8733	3.9913	3.8709	3.9366	3.9219	3.8478	/Mcf
-U-21273- As Filed or as Ordered	3.8733	4.1736	4.1736	4.1736	4.1736	4.1736	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	4.2500	4.8160	4.7723	4.7723	4.5640	4.2500	/Dth
-U-21277 - As Filed or as Ordered	6.0854	6.0854	6.0854	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4072	3.2586	4.1788	4.2448	4.6929	4.7356	/Dth
-U-21435 - As Filed or As Ordered	7.2764	7.2764	7.2764	7.2764	4.7356	4.7356	/Dth
Xcel Energy							
- As Currently Billed	6.4849	6.4849	6.4849	6.6042	6.6042	6.6042	/Dth
-U-21275 - As Filed or as Ordered	6.4849	6.4849	6.4849	6.6042	6.6042	6.6042	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	13.60	0.56355	+ 0.34920	= 0.91275	\$104.88	14.7%
DTE Gas Company	15.50	0.44043	+ 0.38500	= 0.82543	\$98.04	7.2%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.38478	= 0.76678	\$89.68	-1.9%
Presque Isle E. & G. Coop.						
(Rates set by local government regulation, not by the MPSC)						
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.26617	+ 0.42500	= 0.69117	\$82.39	-9.9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.47356	= 0.56660	\$61.66	-32.6%
Xcel Energy	12.00	0.34080	+ 0.66042	= 1.00122	\$112.12	22.6%
AVERAGE RATE	12.06	0.34767	+ 0.44633	= 0.59549	\$91.46	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)							(volumetric charges in \$/ccf)							
Sales													From Utility		
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.04164	+	0.52191		0.34920	=	0.91275
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.04164	+	0.52191		0.34920	=	0.91275
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)							
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.4938	+	4.59460		3.4920	=	8.5804
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.4938	+	3.20160		3.4920	=	7.1874
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.4938	+	2.89900		3.4920	=	6.8848
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0163	+	2.89900		3.4920	=	6.4073
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.4938		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0163		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.4938		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0163		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.4938		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0163		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00	(\$/luminaire)							(\$/luminaire)							
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							December 1, 2023	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 5	See note 2	(volumetric charges in \$/Ccf)	See note 3		
RESIDENTIAL SERVICE								
Sales								
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	From Utility 0.38500	= 0.82543
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.05498	+	0.38859	0.38500	= 0.84857
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	0.38500	= 0.84857
Customer Choice								
alternative suppliers	(see above)				(see above)	+	0.01500	From Others per contract
COMMERCIAL & INDUSTRIAL SERVICE								
		(\$/month)			(volumetric charges in \$/Mcf metered)			
Sales								
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	From Utility 3.8500	= 8.4605
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	3.8500	= 7.7982
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	3.8500	= 7.2954
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	3.8500	= 7.3734
Customer Choice								
alternative suppliers	(see above)				(see above)			From Others per contract
Transportation								
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906	From Others per contract	
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512	per contract	
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300	per contract	
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427	per contract	
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554	per contract	
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300	per contract	
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060	per contract	
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321	per contract	
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800	per contract	
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933	per contract	
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321	per contract	
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500	per contract	
EUT Exploratory Program				0.0243				
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	\$10/MMBtu							
Load Balancing Storage Charge	47.00				.0470/cubic foot			
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.								
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023								
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024								
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round								
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186								
Rates at utilities.dteenergy.com (PDF version)								
Understanding your bill at dteenergy.com								
Rates Reference:	see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

December 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)		
Sales								Gas Costs From Utility	
Residential Service		12.25	0.51	0.51	0.04166	0.22451	+(0.31518	+ 0.10982	= 0.42500): 0.69117
								Balancing and Demand Charge	
								0.10982	
								GCR Factor	
								0.42500	
Customer Choice-Residential alternative suppliers	(see above)					(see above)	+ per contract	+ 0.10982	
								Balancing and Demand Charge	
								0.10982	
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)		
			(\$/month)					Gas Costs From Utility	
Sales								Balancing and Demand Charge	
General Service (GS-1)	(0-9 Dth)	15.00	1.27	1.28	2.0119	1.9556	+(3.15180	+ 1.0982	+ 4.2500): 8.21750
	(>9 Dth)				0.0001	1.9556	3.15180	1.0982	4.2500 6.20570
General Service (GS-2)	(0-9 Dth)	38.80	6.64	6.68	2.0119	1.5226	+(3.15180	+ 1.0982	+ 4.2500): 7.78450
	(>9 Dth)				0.0001	1.5226	3.15180	1.0982	4.2500 5.77270
General Service (GS-3)	(0-9 Dth)	116.20	40.06	40.26	2.0119	1.1966	+(3.15180	+ 1.0982	+ 4.2500): 7.45850
	(>9 Dth)				0.0001	1.1966	3.15180	1.0982	4.2500 5.44670
Customer Choice-Comm & Industrial alternative suppliers	(see above)					Distribution Charge (see above)	+ per contract	+ 1.09820	
								Balancing and Demand Charge	
								1.09820	
								From Others	
								per contract	
								Balancing and Demand Charge	
								1.09820	
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OTHER MICHIGAN-PSC REGULATED

December 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.47356	= 0.5666
Seasonal	10.00	0.09614	+ -0.00310	0.47356	= 0.5666
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	4.7356	= 5.5560
Small Seasonal	18.53	0.8514	+ -0.03100	4.7356	= 5.5560
Large	93.17	0.6214	+ -0.03100	4.7356	= 5.3260
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.34080	+ 0.00000	0.66042	= 1.0012
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.1460	+ 0.0000	6.6042	= 8.7502
Firm (304)	612.09	2.1460	+ 0.0000	6.6042	= 8.7502
Interruptible (303)	142.32	0.8390	+ 0.0000	6.6042	= 7.4432
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.5123	5.2773	/Mcf U-21269
DTE Gas Company	Increase	3.7500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	3.9219	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	4.5640	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.6929	4.7356	/Dth U-21435
Xcel Energy	Unchanged	6.6042	6.6042	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21435 - As Filed or As Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2023

Calendar Year of GCR Factors

	Jul-23 \$/unit	Aug-23 \$/unit	Sep-23 \$/unit	Oct-23 \$/unit	Nov-23 \$/unit	Dec-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.3767	3.5044	3.5063	3.4549	3.5123		/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773	5.2773	5.2773	5.2773		/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.5500	2.8000	3.1000	3.7500		/Mcf
-U-21064- As Filed or As Ordered	4.2100	4.2100	4.2100	4.2100	4.2100		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8733	3.9913	3.8709	3.9366	3.9219		/Mcf
-U-21273- As Filed or as Ordered	3.8733	4.1736	4.1736	4.1736	4.1736		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	4.2500	4.8160	4.7723	4.7723	4.5640		/Dth
-U-21277 - As Filed or as Ordered	6.0854	6.0854	6.0854	6.0854	6.0854		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4072	3.2586	4.1788	4.2448	4.6929		/Dth
-U-21435 - As Filed or As Ordered	7.2764	7.2764	7.2764	7.2764	4.7356		/Dth
Xcel Energy							
- As Currently Billed	6.4849	6.4849	6.4849	6.6042	6.6042		/Dth
-U-21275 - As Filed or as Ordered	6.4849	6.4849	6.4849	6.6042	6.6042		/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	13.60	0.56355	+ 0.35123	= 0.91478	\$105.08	14.4%
DTE Gas Company	15.50	0.43543	+ 0.37500	= 0.81043	\$96.54	5.1%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.39219	= 0.77419	\$90.42	-1.5%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.26617	+ 0.45640	= 0.72257	\$85.53	-6.9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.46929	= 0.56233	\$61.23	-33.3%
Xcel Energy	12.00	0.34080	+ 0.66042	= 1.00122	\$112.12	22.1%
AVERAGE RATE	12.06	0.34683	+ 0.45076	= 0.59819	\$91.82	0.0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.04164	+	0.52191		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.04164	+	0.52191		0.35123	=	0.91478
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.35123	=	0.91478
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales													From Utility		
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.4938	+	4.59460		3.5123	=	8.6007
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.4938	+	3.20160		3.5123	=	7.2077
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.4938	+	2.89900		3.5123	=	6.9051
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0163	+	2.89900		3.5123	=	6.4276
Customer Choice													From Others		
alternative suppliers	(see above)										(see above)		per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.4938		1.7140		per contract		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0163		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.4938		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0163		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.4938		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0163		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00						includes gas		
Note 1:	The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.														
Note 2:	Energy efficiency charge effective on the January 2023 billing month, per U-21205														
Note 3:	Effective for bills rendered on and after the September 2023 billing month. Per U-21308. TR customers >100,000/year receive opt-out surcharge.														
Note 4:	IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED														
Note 5:	Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344-- REMOVED														
Note 6:	Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.														
Customer Attachment Program	surcharges are in addition to rates above														
Understanding your bill at Consumersenergy.com															
Rates Reference:	see						Rate Books								

DTE GAS COMPANY										November 1, 2023	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge			
	See note 4	See note 1 (\$/month)	See note 5	See note 2		See note 3					
										'(volumetric charges in \$/Ccf)	
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.01500	From Utility	0.37500	= 0.81043
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.01500	0.37500	= 0.83357
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.01500	0.37500	= 0.83357	
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)	+	0.00000		per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
										(\$/month)	
										(volumetric charges in \$/Mcf metered)	
Sales											
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.15000	From Utility	3.7500	= 8.3105
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.15000	3.7500	= 7.6482	
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.15000	3.7500	= 7.1454	
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.15000	3.7500	= 7.2234	
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)				per contract		
Transportation										From Others	
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906			per contract		
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512			per contract		
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427			per contract		
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554			per contract		
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060			per contract		
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321			per contract		
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933			per contract		
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321			per contract		
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500			per contract		
EUT Exploratory Program				0.0243							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

SEMCO ENERGY GAS COMPANY

November 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)		

OTHER MICHIGAN-PSC REGULATED

November 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.46929	= 0.5623
Seasonal	10.00	0.09614	+ -0.00310	0.46929	= 0.5623
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	4.6929	= 5.5133
Small Seasonal	18.53	0.8514	+ -0.03100	4.6929	= 5.5133
Large	93.17	0.6214	+ -0.03100	4.6929	= 5.2833
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.34080	+ 0.00000	0.66042	= 1.0012
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.1460	+ 0.0000	6.6042	= 8.7502
Firm (304)	612.09	2.1460	+ 0.0000	6.6042	= 8.7502
Interruptible (303)	142.32	0.8390	+ 0.0000	6.6042	= 7.4432
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.4549	5.2773	/Mcf U-21269
DTE Gas Company	Increase	3.1000	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	3.9366	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	4.7723	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.2448	7.2764	/Dth U-21253
Xcel Energy	Increase	6.6042	6.6042	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2023

Calendar Year of GCR Factors

	Jan-23 \$/unit	Feb-23 \$/unit	Mar-23 \$/unit	Apr-23 \$/unit	May-23 \$/unit	Jun-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

October 1, 2023

Calendar Year of GCR Factors

	Jul-23 \$/unit	Aug-23 \$/unit	Sep-23 \$/unit	Oct-23 \$/unit	Nov-23 \$/unit	Dec-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.3767	3.5044	3.5063	3.4549			/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773	5.2773	5.2773			/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.5500	2.8000	3.1000			/Mcf
-U-21064- As Filed or as Ordered	4.2100	4.2100	4.2100	4.2100			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8733	3.9913	3.8709	3.9366			/Mcf
-U-21273- As Filed or as Ordered	3.8733	4.1736	4.1736	4.1736			/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	4.2500	4.8160	4.7723	4.7723			/Dth
-U-21277 - As Filed or as Ordered	6.0854	6.0854	6.0854	6.0854			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4072	3.2586	4.1788	4.2448			/Dth
-U-21253 - As Filed or as Ordered	7.2764	7.2764	7.2764	7.2764			/Dth
Xcel Energy							
- As Currently Billed	6.4849	6.4849	6.4849	6.6042			/Dth
-U-21275 - As Filed or as Ordered	6.4849	6.4849	6.4849	6.6042			/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.56355	+ 0.34549	= 0.90904	\$104.50	16%
DTE Gas Company	15.50	0.43543	+ 0.31000	= 0.74543	\$90.04	0%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.39366	= 0.77566	\$90.57	0%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.26617	+ 0.47723	= 0.74340	\$87.61	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.42448	= 0.51752	\$56.75	-37%
Xcel Energy	12.00	0.34080	+ 0.66042	= 1.00122	\$112.12	24%
AVERAGE RATE	12.06	0.34683	+ 0.43521	= 0.58653	\$90.27	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.00	+	0.04164	+	0.52191		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.00	+	0.04164	+	0.52191		0.34549	=	0.90904
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.34549	=	0.90904
Customer Choice															
alternative suppliers	(see above)										(see above)		From Others		
													per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	16.00		0.00		0.00		0.00	+	0.4938	+	4.59460		From Utility		
General Service - Rate GS-2	132.13		0.00		0.00		0.00	+	0.4938	+	3.20160		3.4549	=	8.5433
General Service - Rate GS-3 (0-100,000 Year)	384.31		0.00		0.00		0.00	+	0.4938	+	2.89900		3.4549	=	7.1503
General Service - Rate GS-3 (>100,000 Year)	384.31		0.00		0.00		0.00	+	0.0163	+	2.89900		3.4549	=	6.8477
													3.4549	=	6.3702
Customer Choice															
alternative suppliers	(see above)										(see above)		From Others		
													per contract		
													+ including EO Surcharge (Note 2)		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	898.12		0.00		0.00		0.00		0.4938		1.7140		From Others		
Rate ST Cost Based Rate (>100,000 Year)	898.12		0.00		0.00		0.00		0.0163		1.7140		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3494.14		0.00		0.00		0.00		0.4938		1.4025		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3494.14		0.00		0.00		0.00		0.0163		1.4025		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17693.61		0.00		0.00		0.00		0.4938		1.0617		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	46354.57		0.00		0.00		0.00		0.0163		0.6157		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	9.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						0.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the September 2023 billing month. Per U-21308, TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the September 2023 Billing Month per U-21344--**REMOVED**

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										October 1, 2023	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 4	See note 1 (\$/month)	See note 5	See note 2		(volumetric charges in \$/Ccf)	See note 3				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.01500	From Utility		
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.01500	0.31000 = 0.74543	
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.01500	0.31000 = 0.76857		
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.01500	0.31000 = 0.76857		
Customer Choice											
alternative suppliers	(see above)					(see above)	+	0.00000	From Others		
									per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.15000	From Utility		
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.15000	3.1000 = 7.6605		
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.15000	3.1000 = 6.9982		
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.15000	3.1000 = 6.4954		
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.15000	3.1000 = 6.5734		
Customer Choice											
alternative suppliers	(see above)					(see above)			From Others		
									per contract		
Transportation											
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906			From Others		
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512			per contract		
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300			per contract		
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427			per contract		
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554			per contract		
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300			per contract		
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060			per contract		
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321			per contract		
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800			per contract		
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933			per contract		
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321			per contract		
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500			per contract		
EUT Exploratory Program				0.0243							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay a Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

SEMCO ENERGY GAS COMPANY										October 1, 2023		
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge				Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		see note 4	(volumetric charges in \$/Therm metered)				
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.51	0.51	0.04166	0.22451		+(0.36823	+ 0.10900	= 0.47723	)= 0.74340
Customer Choice-Residential alternative suppliers		(see above)				(see above)		From Others	Balancing and Demand Charge			
								+ per contract	+ 0.10900			
COMMERCIAL & INDUSTRIAL SERVICE								(volumetric charges in \$/Dth metered)				
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	15.00	1.27	1.28	2.0119	1.9556		+(3.68230	+ 1.0900	+ 4.7723	)= 8.73980
	(>9 Dth)				0.0001	1.9556		3.68230	1.0900	4.7723	6.72800	
General Service (GS-2)	(0-9 Dth)	38.80	6.64	6.68	2.0119	1.5226		+(3.68230	+ 1.0900	+ 4.7723	)= 8.30680
	(>9 Dth)				0.0001	1.5226		3.68230	1.0900	4.7723	6.29500	
General Service (GS-3)	(0-9 Dth)	116.20	40.06	40.26	2.0119	1.1966		+(3.68230	+ 1.0900	+ 4.7723	)= 7.98080
	(>9 Dth)				0.0001	1.1966		3.68230	1.0900	4.7723	5.96900	
Customer Choice-Comm & Industrial alternative suppliers		(see above)				Distribution Charge (see above)		From Others	Balancing and Demand Charge			
								+ per contract	+ 1.09000			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)		Balancing Recovery Rate (\$/Dth)	
TR-1	(0-2500 Dth)	350.00	116.91	117.51	0.20990	75.00	0.03580	per contract	1.0334		0.0344	
	(>2500 Dth)				0.0001		0.03580		1.0334		0.0344	
TR-2	(0-2500 Dth)	1,089.15	590.59	593.63	0.20990	75.00	0.03580	per contract	0.8563		0.0344	
	(>2500 Dth)				0.0001		0.03580		0.8563		0.0344	
TR-3	(0-2500 Dth)	10,831.50	2951.68	2966.86	0.20990	75.00	0.03580	per contract	0.4669		0.0344	
	(>2500 Dth)				0.0001		0.03580		0.4669		0.0344	
OTHER												
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: EWR charge effective on and after September 1, 2023												
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.												
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue until new rates are established in a future contested case addressing the IRIP.												
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year												
Rates at semcoenergy.com												
Customer Attachment Program												
Understanding your bill at semcoenergygas.com												
Rates Reference: see		surcharges are in addition to rates above										
		Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

October 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.42448	= 0.5175
Seasonal	10.00	0.09614	+ -0.00310	0.42448	= 0.5175
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	4.2448	= 5.0652
Small Seasonal	18.53	0.8514	+ -0.03100	4.2448	= 5.0652
Large	93.17	0.6214	+ -0.03100	4.2448	= 4.8352
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.34080	+ 0.00000	0.66042	= 1.0012
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.1460	+ 0.0000	6.6042	= 8.7502
Firm (304)	612.09	2.1460	+ 0.0000	6.6042	= 8.7502
Interruptible (303)	142.32	0.8390	+ 0.0000	6.6042	= 7.4432
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after June 1 2022, per 20880 Note 2: UMERC Credit C removed July 2020. Credit C removed January 2023.					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.5063	5.2773	/Mcf U-21269
DTE Gas Company	Increase	2.8000	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	3.8709	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	4.7723	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.1788	7.2764	/Dth U-21253
Xcel Energy	Unchanged	6.4849	6.4849	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or as Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

September 1, 2023

Calendar Year of GCR Factors

	Jul-23 \$/unit	Aug-23 \$/unit	Sep-23 \$/unit	Oct-23 \$/unit	Nov-23 \$/unit	Dec-23 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.3767	3.5044	3.5063				/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773	5.2773				/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.5500	2.8000				/Mcf
-U-21064- As Filed or as Ordered	4.2100	4.2100	4.2100				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8733	3.9913	3.8709				/Mcf
-U-21273- As Filed or as Ordered	3.8733	4.1736	4.1736				/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	4.2500	4.8160	4.7723				/Dth
-U-21277 - As Filed or as Ordered	6.0854	6.0854	6.0854				/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4072	3.2586	4.1788				/Dth
-U-21253 - As Filed or as Ordered	7.2764	7.2764	7.2764				/Dth
Xcel Energy							
- As Currently Billed	6.4849	6.4849	6.4849				/Dth
-U-21275 - As Filed or as Ordered	6.4849	6.4849	6.4849				/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.86	0.52157	+ 0.35063	= 0.87220	\$99.08	12%
DTE Gas Company	15.50	0.43543	+ 0.28000	= 0.71543	\$87.04	-2%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.38709	= 0.76909	\$89.91	1%
Presque Isle E. & G. Coop.						
(Rates set by local government regulation, not by the MPSC)						
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.47723	= 0.75589	\$88.86	0%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.41788	= 0.51092	\$56.09	-37%
Xcel Energy	12.00	0.34080	+ 0.64849	= 0.98929	\$110.93	25%
AVERAGE RATE	11.77	0.34192	+ 0.42689	= 0.57660	\$88.65	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)										
Sales															
Rate A	13.60	+	0.00	+	(1.74)	+	0.00	+	0.04164	+	0.47993		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	41.21	+	0.00	+	0.04164	+	0.47993		0.35063	=	0.87220
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.35063	=	0.87220
Customer Choice															
alternative suppliers	13.60		0.00		(see above)		(see above)		0.04164		0.47993		From Others		
													per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)										
Sales															
General Service - Rate GS-1	16.00		0.00		(14.60)		0.00	+	0.4938	+	4.25970		From Utility		
General Service - Rate GS-2	107.37		0.00		(56.23)		0.00	+	0.4938	+	3.16340		3.5063	=	8.2598
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00		0.00	+	0.4938	+	2.96880		3.5063	=	7.1635
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00		0.00	+	0.0163	+	2.96880		3.5063	=	6.9689
Customer Choice															
alternative suppliers	(see above)		(see above)		(see above)		(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.00		0.4938		1.4846		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.00		0.0163		1.4846		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.00		0.4938		1.3042		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.00		0.0163		1.3042		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.00		0.4938		0.9443		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.00		0.0163		0.5261		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00	(\$/luminaire)				(\$/luminaire)										
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	12.00						0.00						includes gas		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205															
Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber 2023 Billing Month per U-21344															
Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY							September 1, 2023		
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
	See note 4	See note 1 (\$/month)	See note 5	See note 2		See note 3			
					(volumetric charges in \$/Ccf)				
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.01500	
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.01500
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.01500	
							From Utility		
							0.28000	=	0.71543
							0.28000	=	0.73857
							0.28000	=	0.73857
Customer Choice									
alternative suppliers	(see above)				(see above)	+	0.01500	From Others	
								per contract	
COMMERCIAL & INDUSTRIAL SERVICE									
		(\$/month)	(volumetric charges in \$/Mcf metered)						
Sales									
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.15000	
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.15000	
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.15000	
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.15000	
							From Utility		
							2.8000	=	7.3605
							2.8000	=	6.6982
							2.8000	=	6.1954
							2.8000	=	6.2734
Customer Choice									
alternative suppliers	(see above)				(see above)			From Others	
								per contract	
Transportation									
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		From Others	
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		per contract	
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		per contract	
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		per contract	
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		per contract	
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		per contract	
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		per contract	
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		per contract	
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		per contract	
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		per contract	
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		per contract	
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		per contract	
EUT Exploratory Program				0.0243					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00					.0470/cubic foot			
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024									
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round									
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

September 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge			Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4			
RESIDENTIAL SERVICE										
(volumetric charges in \$/Therm metered)										
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.51	0.51	0.05415	0.22451		+(0.36823	+ 0.10900	= 0.47723)
										0.75589
Customer Choice-Residential alternative suppliers		12.25				0.22451		+ From Others	+ Balancing and Demand Charge	
								+ per contract	+ 0.10900	
COMMERCIAL & INDUSTRIAL SERVICE										
(volumetric charges in \$/Dth metered)										
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1) (>9 Dth)	(0-9 Dth)	15.00	1.27	1.28	2.8287	1.9556		+(3.68230	+ 1.0900	+ 4.7723)
					0.0001	1.9556		3.68230	1.0900	4.7723
General Service (GS-2) (>9 Dth)	(0-9 Dth)	38.80	6.64	6.68	2.8287	1.5226		+(3.68230	+ 1.0900	+ 4.7723)
					0.0001	1.5226		3.68230	1.0900	4.7723
General Service (GS-3) (>9 Dth)	(0-9 Dth)	116.20	40.06	40.26	2.8287	1.1966		+(3.68230	+ 1.0900	+ 4.7723)
					0.0001	1.1966		3.68230	1.0900	4.7723
										9.55660
										6.72800
										9.12360
										6.29500
										8.79760
										5.96900
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		Distribution Charge	+ From Others	+ Balancing and Demand Charge	
								+ per contract	+ 1.09000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	116.91	117.51	0.21370	75.00	0.03580	per contract	1.0334	0.0344
	(>2500 Dth)				0.0001		0.03580		1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	590.59	593.63	0.21370	75.00	0.03580	per contract	0.8563	0.0344
	(>2500 Dth)				0.0001		0.03580		0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	2951.68	2966.86	0.21370	75.00	0.03580	per contract	0.4669	0.0344
	(>2500 Dth)				0.0001		0.03580		0.4669	0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: EWR charge effective on and after January 1, 2023										
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.										
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue until new rates are established in a future contested case addressing the IRIP.										
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
surcharges are in addition to rates above										
Rates Reference: see Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

September 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.41788	= 0.5109
Seasonal	10.00	0.09614	+ -0.00310	0.41788	= 0.5109
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	4.1788	= 4.9992
Small Seasonal	18.53	0.8514	+ -0.03100	4.1788	= 4.9992
Large	93.17	0.6214	+ -0.03100	4.1788	= 4.7692
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.34080	+ 0.00000	0.64849	= 0.9893
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	30.77	2.1460	+ 0.0000	6.4849	= 8.6309
Firm (304)	612.09	2.1460	+ 0.0000	6.4849	= 8.6309
Interruptible (303)	142.32	0.8390	+ 0.0000	6.4849	= 7.3239
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	82.77	25.00	0.0000	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. Credit C removed January 2023.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.5044	5.2773	/Mcf U-21269
DTE Gas Company	Unchanged	2.5500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	3.9913	4.1736	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	4.8160	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.2586	7.2764	/Dth U-21253
Xcel Energy	Unchanged	6.4849	6.4849	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or as Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

August 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.3767	3.5044					/Mcf
-U-21269 - As Filed or as Ordered	5.2773	5.2773					/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.5500					/Mcf
-U-21064- As Filed or As Ordered	4.2100	4.2100					/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8733	3.9913					/Mcf
-U-21273- As Filed or as Ordered	3.8733	4.1736					/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	4.2500	4.8160					/Dth
-U-21277 - As Filed or as Ordered	6.0854	6.0854					/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4072	3.2586					/Dth
-U-21253 - As Filed or as Ordered	7.2764	7.2764					/Dth
Xcel Energy							
- As Currently Billed	6.4849	6.4849					/Dth
-U-21275 - As Filed or as Ordered	6.4849	6.4849					/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	13.60	0.52157	+ 0.35044	= 0.87201	\$100.80	16%
DTE Gas Company	15.50	0.42043	+ 0.25500	= 0.67543	\$83.04	-4%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.39913	= 0.78113	\$91.11	5%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.48160	= 0.76026	\$89.30	3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.32586	= 0.41890	\$46.89	-46%
Xcel Energy	12.00	0.32758	+ 0.64849	= 0.97607	\$109.61	26%
AVERAGE RATE	12.06	0.33721	+ 0.41009	= 0.56048	\$86.79	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Voluntary Refund Mechanism		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 6		see note 2		see note 3				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	(0.69)	+	0.04164	+	0.47993		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	(0.69)	+	0.04164	+	0.47993		0.35044	=	0.87201
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.35044	=	0.87201
Customer Choice															
alternative suppliers	13.60		0.00		(see above)		(see above)		0.04164		0.47993		From Others		
													per contract		
													+ including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	16.00		0.00		0.00		(1.52)	+	0.4938	+	4.25970		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00		(7.81)	+	0.4938	+	3.16340		3.5044	=	8.2579
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00		(54.00)	+	0.4938	+	2.96880		3.5044	=	7.1616
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00		(54.00)	+	0.0163	+	2.96880		3.5044	=	6.9670
Customer Choice															
alternative suppliers	(see above)		(see above)		(see above)		(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		(20.31)		0.4938		1.4846		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		(20.31)		0.0163		1.4846		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		(61.17)		0.4938		1.3042		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		(61.17)		0.0163		1.3042		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		(155.37)		0.4938		0.9443		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		(3476.59)		0.0163		0.5261		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00		0.00						per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00						0.00						includes gas		
2.6 to 4.5 CF/Hr	12.00						0.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber Billing Month per U-21344

Note 6: Voluntary Refund Mechanism effective for the August 2023 billing month. Per U-20932.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										August 1, 2023		
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge				
	See note 4	See note 1 (\$/month)	See note 5	See note 2		See note 3						
										(volumetric charges in \$/Ccf)		
RESIDENTIAL SERVICE												
Sales										From Utility		
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.00000	0.25500	=	0.67543	
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.00000	0.25500	=	0.69857
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.00000	0.25500	=	0.69857	
Customer Choice										From Others		
alternative suppliers	(see above)				(see above)	+	0.00000		per contract			
COMMERCIAL & INDUSTRIAL SERVICE												
										(\$/month)		
										(volumetric charges in \$/Mcf metered)		
Sales										From Utility		
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.00000	2.5500	=	6.9605	
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.00000	2.5500	=	6.2982	
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.00000	2.5500	=	5.7954	
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.00000	2.5500	=	5.8734	
Customer Choice										From Others		
alternative suppliers	(see above)				(see above)				per contract			
Transportation										From Others		
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906			per contract			
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512			per contract			
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300			per contract			
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427			per contract			
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554			per contract			
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300			per contract			
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060			per contract			
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321			per contract			
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800			per contract			
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933			per contract			
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321			per contract			
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500			per contract			
EUT Exploratory Program				0.0243								
Rate XLT/XXLT-Remote Meter Charge	100.00											
Unauthorized Gas Usage Charge	\$10/MMBtu											
Load Balancing Storage Charge	47.00					.0470/cubic foot						
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.												
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023												
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024												
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round												
Note 5: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186												
Rates at utilities.dteenergy.com (PDF version)												
Understanding your bill at dteenergy.com												
Rates Reference:	see	Rate Books	for more details									

SEMCO ENERGY GAS COMPANY

August 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge		
			see note 3 (\$/month)	see note 2	see note 1		see note 4				
RESIDENTIAL SERVICE											
(volumetric charges in \$/Therm metered)											
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.51	0.51	0.05415	0.22451		+(0.37260	+ 0.10900	= 0.48160	)= 0.76026
								From Others	Balancing and Demand Charge		
Customer Choice-Residential alternative suppliers		12.25				0.22451		+ per contract	+ 0.10900		
COMMERCIAL & INDUSTRIAL SERVICE											
(volumetric charges in \$/Dth metered)											
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	1.27	1.28	2.8287	1.9556		+(3.72600	+ 1.0900	+ 4.8160	)= 9.60030
	(>9 Dth)				0.0001	1.9556		3.72600	1.0900	4.8160	)= 6.77170
General Service (GS-2) (0-9 Dth)		38.80	6.64	6.68	2.8287	1.5226		+(3.72600	+ 1.0900	+ 4.8160	)= 9.16730
	(>9 Dth)				0.0001	1.5226		3.72600	1.0900	4.8160	)= 6.33870
General Service (GS-3) (0-9 Dth)		116.20	40.06	40.26	2.8287	1.1966		+(3.72600	+ 1.0900	+ 4.8160	)= 8.84130
	(>9 Dth)				0.0001	1.1966		3.72600	1.0900	4.8160	)= 6.01270
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		Distribution Charge	From Others	Balancing and Demand Charge		
								+ per contract	+ 1.09000		
		Customer Charge	IRIP	MRP Charge	EWR Charge	Remote Meter Charge	Facility Improvement Demand Surcharge	From Others	Distribution Charge		Balancing Recovery Rate
Transportation		(\$/month)	(\$/month)	(\$/month)	\$/Dth	(\$/month)	\$/Dth				
TR-1	(0-2500 Dth)	350.00	116.91	117.51	0.21370	75.00	0.03580	per contract	1.0334		0.0344
	(>2500 Dth)				0.0001		0.03580		1.0334		0.0344
TR-2	(0-2500 Dth)	1,089.15	590.59	593.63	0.21370	75.00	0.03580	per contract	0.8563		0.0344
	(>2500 Dth)				0.0001		0.03580		0.8563		0.0344
TR-3	(0-2500 Dth)	10,831.50	2951.68	2966.86	0.21370	75.00	0.03580	per contract	0.4669		0.0344
	(>2500 Dth)				0.0001		0.03580		0.4669		0.0344
OTHER											
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: EWR charge effective on and after January 1, 2023											
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue until new rates are established in a future contested case addressing the IRIP.											
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
surcharges are in addition to rates above											
Rates Reference: see Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

August 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.32586	= 0.4189
Seasonal	10.00	0.09614	+ -0.00310	0.32586	= 0.4189
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	3.2586	= 4.0790
Small Seasonal	18.53	0.8514	+ -0.03100	3.2586	= 4.0790
Large	93.17	0.6214	+ -0.03100	3.2586	= 3.8490
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.64849	= 0.9761
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	6.4849	= 8.4172
Firm (304)	930.67	2.1460	+ -0.1240	6.4849	= 8.5069
Interruptible (303)	223.17	0.8390	+ -0.1240	6.4849	= 7.1999
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after June 1 2022, per 20880 Note 2: UMERC Credit C removed July 2020. TCJA in effect until next general rate case.					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.3767	5.2773	/Mcf U-21269
DTE Gas Company	Decrease	2.5500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	3.8733	3.8733	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	4.2500	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.4072	7.2764	/Dth U-21253
Xcel Energy	Decrease	6.4849	6.4849	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2023

Calendar Year of GCR Factors

	Jan-23 \$/unit	Feb-23 \$/unit	Mar-23 \$/unit	Apr-23 \$/unit	May-23 \$/unit	Jun-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or as Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

July 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.3767						/Mcf
-U-21269 - As Filed or as Ordered	5.2773						/Mcf
DTE Gas Company							
- As Currently Billed	2.5500						/Mcf
-U-21064- As Filed or As Ordered	4.2100						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8733						/Mcf
-U-21273- As Filed or as Ordered	3.8733						/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	4.2500						/Dth
-U-21277 - As Filed or as Ordered	6.0854						/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4072						/Dth
-U-21253 - As Filed or as Ordered	7.2764						/Dth
Xcel Energy							
- As Currently Billed	6.4849						/Dth
-U-21275 - As Filed or as Ordered	6.4849						/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	13.60	0.52157	+ 0.33767	= 0.85924	\$99.52	15%
DTE Gas Company	15.50	0.46043	+ 0.25500	= 0.71543	\$87.04	1%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.38733	= 0.76933	\$89.93	4%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.42500	= 0.70366	\$83.64	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.34072	= 0.43376	\$48.38	-44%
Xcel Energy	12.00	0.32758	+ 0.64849	= 0.97607	\$109.61	27%
AVERAGE RATE	12.06	0.34388	+ 0.39904	= 0.55719	\$86.35	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.33767	=	0.85924
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.33767	=	0.85924
Customer Choice															
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		3.3767	=	8.1302
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		3.3767	=	7.0339
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		3.3767	=	6.8393
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-14.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the Septmeber Billing Month per U-21344

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									
July 1, 2023									
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 6	See note 2		See note 3 (volumetric charges in \$/Ccf)	See note 5		
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04000	0.00000
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.04000
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04000	0.00000
Customer Choice									
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)	From Utility
									0.25500 = 0.71543
									0.25500 = 0.73857
									0.25500 = 0.73857
									From Others
									per contract
COMMERCIAL & INDUSTRIAL SERVICE									
		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales									
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.40000	0.0000
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.40000	0.0000
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.40000	0.0000
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.40000	0.0000
Customer Choice									
alternative suppliers	(see above)				(see above)			(see above)	From Utility
									2.5500 = 7.3605
									2.5500 = 6.6982
									2.5500 = 6.1954
									2.5500 = 6.2734
									From Others
									per contract
Transportation									From Others
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000	per contract
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000	per contract
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000	per contract
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000	per contract
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000	per contract
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000	per contract
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000	per contract
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000	per contract
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000	per contract
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000	per contract
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000	per contract
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000	per contract
EUT Exploratory Program				0.0243					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00					.0470/cubic foot			
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024									
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round									
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

July 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451		Gas Costs From Utility 0.32100 + Balancing and Demand Charge 0.10400 = GCR Factor 0.42500	0.70366
Customer Choice-Residential alternative suppliers		12.25				0.22451		From Others per contract + Balancing and Demand Charge 0.10400	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	1.27	1.28	2.8287	1.9556		Gas Costs From Utility 3.21000 + Balancing and Demand Charge 1.0400 + GCR Factor 4.2500	9.03430
General Service (GS-1) (>9 Dth)					0.0001	1.9556		Gas Costs From Utility 3.21000 + Balancing and Demand Charge 1.0400 + GCR Factor 4.2500	6.20570
General Service (GS-2) (0-9 Dth)		38.80	6.64	6.68	2.8287	1.5226		Gas Costs From Utility 3.21000 + Balancing and Demand Charge 1.0400 + GCR Factor 4.2500	8.60130
General Service (GS-2) (>9 Dth)					0.0001	1.5226		Gas Costs From Utility 3.21000 + Balancing and Demand Charge 1.0400 + GCR Factor 4.2500	5.77270
General Service (GS-3) (0-9 Dth)		116.20	40.06	40.26	2.8287	1.1966		Gas Costs From Utility 3.21000 + Balancing and Demand Charge 1.0400 + GCR Factor 4.2500	8.27530
General Service (GS-3) (>9 Dth)					0.0001	1.1966		Gas Costs From Utility 3.21000 + Balancing and Demand Charge 1.0400 + GCR Factor 4.2500	5.44670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		Distribution Charge	From Others per contract + Balancing and Demand Charge 1.04000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others (\$/Dth) Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	116.91	117.51	0.21370	75.00	0.03580	per contract 1.0334	0.0344
TR-1 (>2500 Dth)					0.0001		0.03580	1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	590.59	593.63	0.21370	75.00	0.03580	per contract 0.8563	0.0344
TR-2 (>2500 Dth)					0.0001		0.03580	0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	2951.68	2966.86	0.21370	75.00	0.03580	per contract 0.4669	0.0344
TR-3 (>2500 Dth)					0.0001		0.03580	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2023									
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

July 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.34072	= 0.4338
Seasonal	10.00	0.09614	+ -0.00310	0.34072	= 0.4338
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	3.4072	= 4.2276
Small Seasonal	18.53	0.8514	+ -0.03100	3.4072	= 4.2276
Large	93.17	0.6214	+ -0.03100	3.4072	= 3.9976
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.64849	= 0.9761
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	6.4849	= 8.4172
Firm (304)	930.67	2.1460	+ -0.1240	6.4849	= 8.5069
Interruptible (303)	223.17	0.8390	+ -0.1240	6.4849	= 7.1999
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.4158	5.2773	/Mcf U-21269
DTE Gas Company	Decrease	2.7500	4.2100	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	3.6437	3.6437	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	4.2500	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.8745	7.2764	/Dth U-21253
Xcel Energy	Unchanged	6.9024	7.8270	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2023

Calendar Year of GCR Factors

	Jan-23 \$/unit	Feb-23 \$/unit	Mar-23 \$/unit	Apr-23 \$/unit	May-23 \$/unit	Jun-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409	3.4158	/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773	5.2773	/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500	2.7500	/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700	4.2100	4.2100	4.2100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392	3.6437	/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792	3.6437	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500	4.2500	/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854	6.0854	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109	2.8745	/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764	7.2764	7.2764	/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024	6.9024	/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270	7.8270	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21269 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21064- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21273- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21277 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21253 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21275 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.52157	+ 0.34158	= 0.86315	\$99.92	16%
DTE Gas Company	15.50	0.46043	+ 0.27500	= 0.73543	\$89.04	3%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.36437	= 0.74637	\$87.64	2%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.42500	= 0.70366	\$83.64	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.28745	= 0.38049	\$43.05	-50%
Xcel Energy	12.00	0.32758	+ 0.69024	= 1.01782	\$113.78	32%
AVERAGE RATE	12.06	0.34388	+ 0.39727	= 0.55587	\$86.18	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.34158	=	0.86315
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice															
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)		From Others		
COMMERCIAL & INDUSTRIAL SERVICE															
			(\$/month)								(volumetric charges in \$/Mcf)				
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		3.4158	=	8.1693
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		3.4158	=	7.0730
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		3.4158	=	6.8784
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
Transportation															
							(volumetric charges in \$/Mcf)						per contract		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
			(\$/luminaire)								(\$/luminaire)				
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									June 1, 2023
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 6	See note 2		See note 3 (volumetric charges in \$/Ccf)	See note 5		
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04000	0.00000
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.04000
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04000	0.00000
Customer Choice									
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)	
COMMERCIAL & INDUSTRIAL SERVICE									
		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales									
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.40000	0.0000
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.40000	0.0000
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.40000	0.0000
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.40000	0.0000
Customer Choice									
alternative suppliers	(see above)				(see above)			(see above)	
Transportation									
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000	
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000	
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000	
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000	
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000	
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000	
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000	
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000	
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000	
Rate XXL T (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000	
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000	
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000	
EUT Exploratory Program				0.0243					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00					.0470/cubic foot			
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024									
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round									
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books							for more details

MICHIGAN GAS UTILITIES CORP.

June 1, 2023

	Customer Charge	MRP Rider	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge		Total Vol Charge
	see note 4		see note 1	see note 2		see note 3		
	(\$/month)					(volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE								
Sales							Gas Costs From Utility	Reservation Charge
Residential Service	13.00	0.06	0.15120	0.00602	0.22478	0.00000	+	0.29533
								0.06904
								= 0.36437
								= 0.74637
Customer Choice-Residential							From Others	Reservation Charge
alternative suppliers	(see above)		(see above)	N/A		0.00000	+	per contract
								0.06904
COMMERCIAL & INDUSTRIAL SERVICE								
	(\$/month)					(volumetric charges in \$/Mcf metered)		
Sales							Gas Costs From Utility	Reservation Charge
Small General Service	35.00	0.13	3.60	0.06020	1.62000	0.00000	+	2.9533
								0.6904
								= 3.6437
								= 5.32390
Medium General Service	50.00	1.25	30.16	0.06020	1.56550	0.00000	+	2.9533
								0.6904
								= 3.6437
								= 6.26940
Large General Service	425.00	2.36	145.41	0.06020	1.02490	0.00000	+	2.9533
								0.6904
								= 3.6437
								= 4.72880
GasLight Rate-Commercial			3.76	0.06020	1.62000	0.00000	+	2.9533
								0.6904
								= 3.6437
								= 5.32390
Customer Choice-Comm. & Ind.							From Others	Reservation Charge
alternative suppliers	(see above)		(see above)			(see above)	+	per contract
								0.6904
	Customer Charge	MRP Rider	EWR Surcharge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
Transportation								
	\$/mo							
TR-1	850.00	3.07	38.91	0.7733	0.6233	0.00000		
TR-2	2,250.00	19.49	211.34	0.4811	0.3311	0.00000		
TR-3	3,050.00	119.48	918.93	0.4643	0.3143	0.00000		

Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.

Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: All TCJA has been canceled with filing of new rates per U-20718

Note 4: The Main Replacement Program rider will be implemented January 2023 and will continue until either base rates are established in a future contested case addressing the MRP or December 31, 2027

Customer Attachment Program

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rate Books

surcharges are in addition to rates above

SEMCO ENERGY GAS COMPANY

June 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451		Gas Costs From Utility + 0.31600 + Balancing and Demand Charge 0.10900 = GCR Factor 0.42500	0.70366
Customer Choice-Residential alternative suppliers		12.25				0.22451		From Others + per contract + Balancing and Demand Charge 0.10900	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1)	(0-9 Dth)	15.00	1.27	1.28	2.8287	1.9556		Gas Costs From Utility 3.16000 + Balancing and Demand Charge 1.0900 + GCR Factor 4.2500	9.03430
	(>9 Dth)				0.0001	1.9556		3.16000 + 1.0900 + 4.2500	6.20570
General Service (GS-2)	(0-9 Dth)	38.80	6.64	6.68	2.8287	1.5226		Gas Costs From Utility 3.16000 + Balancing and Demand Charge 1.0900 + GCR Factor 4.2500	8.60130
	(>9 Dth)				0.0001	1.5226		3.16000 + 1.0900 + 4.2500	5.77270
General Service (GS-3)	(0-9 Dth)	116.20	40.06	40.26	2.8287	1.1966		Gas Costs From Utility 3.16000 + Balancing and Demand Charge 1.0900 + GCR Factor 4.2500	8.27530
	(>9 Dth)				0.0001	1.1966		3.16000 + 1.0900 + 4.2500	5.44670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)					(see above)	Distribution Charge	From Others + per contract + Balancing and Demand Charge 1.09000	
		Customer Charge	IRIP	MRP Charge	EWR Charge	Remote Meter Charge	Facility Improvement Demand Surcharge	From Others	Balancing Recovery Rate
Transportation		(\$/month)	(\$/month)	(\$/month)	\$/Dth	(\$/month)	\$/Dth		
TR-1	(0-2500 Dth)	350.00	116.91	117.51	0.21370	75.00	0.03580	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.03580	1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	590.59	593.63	0.21370	75.00	0.03580	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.03580	0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	2951.68	2966.86	0.21370	75.00	0.03580	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.03580	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2023									
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

June 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.28745	= 0.3805
Seasonal	10.00	0.09614	+ -0.00310	0.28745	= 0.3805
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	2.8745	= 3.6949
Small Seasonal	18.53	0.8514	+ -0.03100	2.8745	= 3.6949
Large	93.17	0.6214	+ -0.03100	2.8745	= 3.4649
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.69024	= 1.0178
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	6.9024	= 8.8347
Firm (304)	930.67	2.1460	+ -0.1240	6.9024	= 8.9244
Interruptible (303)	223.17	0.8390	+ -0.1240	6.9024	= 7.6174
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.5409	5.2773	/Mcf U-21269
DTE Gas Company	Decrease	3.1500	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	4.1392	6.7792	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	4.2500	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.6109	7.2764	/Dth U-21253
Xcel Energy	Unchanged	6.9024	7.8270	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2023

Calendar Year of GCR Factors

	Jan-23 \$/unit	Feb-23 \$/unit	Mar-23 \$/unit	Apr-23 \$/unit	May-23 \$/unit	Jun-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680	3.5409		/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773	5.2773		/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000	3.1500		/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700	5.0700	5.0700		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266	4.1392		/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266	6.7792		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500	4.2500		/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854	6.0854		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440	3.6109		/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764	7.2764		/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024	6.9024		/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270	7.8270		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21269 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21064- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21273- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21277 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21253 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21275 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.52157	+ 0.35409	= 0.87566	\$101.17	14%
DTE Gas Company	15.50	0.46043	+ 0.31500	= 0.77543	\$93.04	4%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.41392	= 0.79592	\$92.59	4%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.42500	= 0.70366	\$83.64	-6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.36109	= 0.45413	\$50.41	-43%
Xcel Energy	12.00	0.32758	+ 0.69024	= 1.01782	\$113.78	28%
AVERAGE RATE	12.06	0.34388	+ 0.42656	= 0.57783	\$89.11	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.35409	=	0.87566
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice															
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)		From Others		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		3.5409	=	8.2944
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		3.5409	=	7.1981
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		3.5409	=	7.0035
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00		From Others		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									May 1, 2023
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 6	See note 2		See note 3 (volumetric charges in \$/Ccf)	See note 5		
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04000	0.00000
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.04000
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04000	0.00000
Customer Choice									
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)	
COMMERCIAL & INDUSTRIAL SERVICE									
		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales									
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.40000	0.0000
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.40000	0.0000
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.40000	0.0000
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.40000	0.0000
Customer Choice									
alternative suppliers	(see above)				(see above)			(see above)	
Transportation									
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000	
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000	
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000	
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000	
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000	
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000	
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000	
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000	
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000	
Rate XXL T (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000	
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000	
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000	
EUT Exploratory Program				0.0243					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00					.0470/cubic foot			
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-21064 for bills effective 1st bill cycle April 2023 thru last bill cycle March 2024									
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round									
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books							for more details

MICHIGAN GAS UTILITIES CORP.									
May 1, 2023									
	Customer Charge	MRP Rider	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge			Total Vol Charge
	see note 4		see note 1	see note 2		see note 3			
	(\$/month)					(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.06	0.15120	0.00602	0.22478	0.00000	+ 0.34501	+ 0.06891	= 0.41392
Customer Choice-Residential							From Others	Reservation Charge	
alternative suppliers	(see above)		(see above)	N/A		0.00000	+ per contract	+ 0.06891	
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	0.13	3.60	0.06020	1.62000	0.00000	+ 3.4501	+ 0.6891	= 4.1392
Medium General Service	50.00	1.25	30.16	0.06020	1.56550	0.00000	+ 3.4501	+ 0.6891	= 4.1392
Large General Service	425.00	2.36	145.41	0.06020	1.02490	0.00000	+ 3.4501	+ 0.6891	= 4.1392
GasLight Rate-Commercial			3.76	0.06020	1.62000	0.00000	+ 3.4501	+ 0.6891	= 4.1392
Customer Choice-Comm. & Ind.							From Others	Reservation Charge	
alternative suppliers	(see above)		(see above)			(see above)	+ per contract	+ 0.6891	
	Customer Charge	MRP Rider	EWR Surcharge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation									
	\$/mo								
TR-1	850.00	3.07	38.91	0.7733	0.6233	0.00000			
TR-2	2,250.00	19.49	211.34	0.4811	0.3311	0.00000			
TR-3	3,050.00	119.48	918.93	0.4643	0.3143	0.00000			
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.									
Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.									
Note 3: All TCJA has been canceled with filing of new rates per U-20718									
Note 4: The Main Replacement Program rider will be implemented January 2023 and will continue until either base rates are established in a future contested case addressing the MRP or December 31, 2027									
Customer Attachment Program									
Rates at michigan gas utilities.com									
Understanding your bill at michigan gas utilities.com									
Rate Books									

SEMCO ENERGY GAS COMPANY

May 1, 2023

		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge	Facility Improvement Demand Surcharge see note 4		Total Charge
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451	+(0.31600 + 0.10900) = 0.42500		0.70366
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract + 0.10900		
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales									
General Service (GS-1)	(0-9 Dth)	15.00	1.27	1.28	2.8287	1.9556	+(3.16000 + 1.0900 + 4.2500) =		9.03430
	(>9 Dth)				0.0001	1.9556	3.16000 + 1.0900 + 4.2500		6.20570
General Service (GS-2)	(0-9 Dth)	38.80	6.64	6.68	2.8287	1.5226	+(3.16000 + 1.0900 + 4.2500) =		8.60130
	(>9 Dth)				0.0001	1.5226	3.16000 + 1.0900 + 4.2500		5.77270
General Service (GS-3)	(0-9 Dth)	116.20	40.06	40.26	2.8287	1.1966	+(3.16000 + 1.0900 + 4.2500) =		8.27530
	(>9 Dth)				0.0001	1.1966	3.16000 + 1.0900 + 4.2500		5.44670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)						+ From Others per contract + 1.09000		
TRANSPORTATION									
		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	Balancing Recovery Rate (\$/Dth)	
TR-1	(0-2500 Dth)	350.00	116.91	117.51	0.21370	75.00	0.03580	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.03580	1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	590.59	593.63	0.21370	75.00	0.03580	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.03580	0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	2951.68	2966.86	0.21370	75.00	0.03580	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.03580	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2023									
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

May 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.36109	= 0.4541
Seasonal	10.00	0.09614	+ -0.00310	0.36109	= 0.4541
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	3.6109	= 4.4313
Small Seasonal	18.53	0.8514	+ -0.03100	3.6109	= 4.4313
Large	93.17	0.6214	+ -0.03100	3.6109	= 4.2013
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.69024	= 1.0178
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	6.9024	= 8.8347
Firm (304)	930.67	2.1460	+ -0.1240	6.9024	= 8.9244
Interruptible (303)	223.17	0.8390	+ -0.1240	6.9024	= 7.6174
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	4.0680	5.2773	/Mcf U-21269
DTE Gas Company	Unchanged	3.4000	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	6.9266	6.9266	/Mcf U-21273
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	4.2500	6.0854	/Dth U-21277
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	5.2440	7.2764	/Dth U-21253
Xcel Energy	Increase	6.9024	7.8270	/Dth U-21275

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2023

Calendar Year of GCR Factors

	Jan-23 \$/unit	Feb-23 \$/unit	Mar-23 \$/unit	Apr-23 \$/unit	May-23 \$/unit	Jun-23 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408	4.0680			/Mcf
-U-21269 - As Filed or as Ordered	7.5851	7.5851	7.5851	5.2773			/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000	3.4000			/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700	5.0700			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561	6.9266			/Mcf
-U-21273- As Filed or as Ordered	7.6926	7.4561	7.4561	6.9266			/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500	4.2500			/Dth
-U-21277 - As Filed or as Ordered	8.5125	8.5125	8.5125	6.0854			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212	5.2440			/Dth
-U-21253 - As Filed or as Ordered	7.4656	7.2764	7.2764	7.2764			/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846	6.9024			/Dth
-U-21275 - As Filed or as Ordered	5.9846	5.9846	5.9846	7.8270			/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21269 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21064- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21273- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21277 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21253 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21275 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.52157	+ 0.40680	= 0.92837	\$106.44	9%
DTE Gas Company	15.50	0.46043	+ 0.34000	= 0.80043	\$95.54	-2%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.69266	= 1.07466	\$120.47	23%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.42500	= 0.70366	\$83.64	-14%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.52440	= 0.61744	\$66.74	-32%
Xcel Energy	12.00	0.32758	+ 0.69024	= 1.01782	\$113.78	16%
AVERAGE RATE	12.06	0.34388	+ 0.51318	= 0.64280	\$97.77	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales														From Utility	
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.40680	=	0.92837
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.40680	=	0.92837
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice														From Others	
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)			per contract	
														* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)								(volumetric charges in \$/Mcf)				
Sales														From Utility	
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		4.0680	=	8.8215
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		4.0680	=	7.7252
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		4.0680	=	7.5306
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		4.0680	=	7.0531
Customer Choice														From Others	
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)			per contract	
Transportation							(volumetric charges in \$/Mcf)							From Others	
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00			per contract	
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00			per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00			per contract	
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00			per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00			per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00			per contract	
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000			per contract	
OTHER Sheet D-14.00			(\$/luminaire)											(\$/luminaire)	
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148, TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									April 1, 2023
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 6	See note 2		See note 3 (volumetric charges in \$/Ccf)	See note 5		
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04000	From Utility
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.34000 = 0.80043
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04000	0.34000 = 0.82357
Customer Choice									From Others
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)	per contract
COMMERCIAL & INDUSTRIAL SERVICE									
		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales									
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.40000	From Utility
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.40000	3.4000 = 8.2105
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.40000	3.4000 = 7.5482
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.40000	3.4000 = 7.0454
Customer Choice									3.4000 = 7.1234
alternative suppliers	(see above)				(see above)			(see above)	From Others
Transportation									per contract
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000	From Others
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000	per contract
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000	per contract
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000	per contract
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000	per contract
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000	per contract
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000	per contract
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000	per contract
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000	per contract
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000	per contract
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000	per contract
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000	per contract
EUT Exploratory Program				0.0243					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00					.0470/cubic foot			
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023									
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round									
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books							for more details

SEMCO ENERGY GAS COMPANY

April 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451		Gas Costs From Utility 0.31600 + Balancing and Demand Charge 0.10900 = GCR Factor 0.42500	0.70366
Customer Choice-Residential alternative suppliers		12.25				0.22451		From Others per contract + Balancing and Demand Charge 0.10900	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	1.27	1.28	2.8287	1.9556		Gas Costs From Utility 3.16000 + Balancing and Demand Charge 1.0900 + GCR Factor 4.2500	9.03430
	(>9 Dth)				0.0001	1.9556		3.16000 1.0900 4.2500	6.20570
General Service (GS-2) (0-9 Dth)		38.80	6.64	6.68	2.8287	1.5226		3.16000 + 1.0900 + 4.2500	8.60130
	(>9 Dth)				0.0001	1.5226		3.16000 1.0900 4.2500	5.77270
General Service (GS-3) (0-9 Dth)		116.20	40.06	40.26	2.8287	1.1966		3.16000 + 1.0900 + 4.2500	8.27530
	(>9 Dth)				0.0001	1.1966		3.16000 1.0900 4.2500	5.44670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)					(see above)	Distribution Charge	From Others per contract + Balancing and Demand Charge 1.09000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge \$/Dth	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge \$/Dth	From Others Distribution Charge \$/Dth	Balancing Recovery Rate \$/Dth
TR-1 (0-2500 Dth)		350.00	116.91	117.51	0.21370	75.00	0.03580	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.03580	1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	590.59	593.63	0.21370	75.00	0.03580	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.03580	0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	2951.68	2966.86	0.21370	75.00	0.03580	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.03580	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2023									
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

April 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.52440	= 0.6174
Seasonal	10.00	0.09614	+ -0.00310	0.52440	= 0.6174
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	5.2440	= 6.0644
Small Seasonal	18.53	0.8514	+ -0.03100	5.2440	= 6.0644
Large	93.17	0.6214	+ -0.03100	5.2440	= 5.8344
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.69024	= 1.0178
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	6.9024	= 8.8347
Firm (304)	930.67	2.1460	+ -0.1240	6.9024	= 8.9244
Interruptible (303)	223.17	0.8390	+ -0.1240	6.9024	= 7.6174
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	5.5408	7.5851	/Mcf U-21062
DTE Gas Company	Decrease	3.4000	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Unchanged	7.4561	7.4561	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	6.5500	8.5125	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	5.5212	7.2764	/Dth U-21060
Xcel Energy	Unchanged	5.9846	5.9846	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620	5.5408				/Mcf
-U-21062 - As Filed or as Ordered	7.5851	7.5851	7.5851				/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200	3.4000				/Mcf
-U-21064- As Filed or As Ordered	5.0700	5.0700	5.0700				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561	7.4561				/Mcf
-U-21066- As Filed or as Ordered	7.6926	7.4561	7.4561				/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500	6.5500				/Dth
-U-21070 - As Filed or as Ordered	8.5125	8.5125	8.5125				/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061	5.5212				/Dth
-U-21060 - As Filed or as Ordered	7.4656	7.2764	7.2764				/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846	5.9846				/Dth
-U-21068 - As Filed or as Ordered	5.9846	5.9846	5.9846				/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-21062 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-21064- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-21066- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-21070 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-21060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-21068 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.52157	+ 0.55408	= 1.07565	\$121.17	17%
DTE Gas Company	15.50	0.46043	+ 0.34000	= 0.80043	\$95.54	-8%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.74561	= 1.12761	\$125.76	21%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.65500	= 0.93366	\$106.64	3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.55212	= 0.64516	\$69.52	-33%
Xcel Energy	12.00	0.32758	+ 0.59846	= 0.92604	\$104.60	1%
AVERAGE RATE	12.06	0.34388	+ 0.57421	= 0.68857	\$103.87	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.55408	=	1.07565
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.55408	=	1.07565
Customer Choice															
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)								(volumetric charges in \$/Mcf)				
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		5.5408	=	10.2943
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		5.5408	=	9.1980
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		5.5408	=	9.0034
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148, TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										March 1, 2023	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1 (\$/month)	See note 6	See note 2			See note 3 (volumetric charges in \$/Ccf)	See note 5			
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04000	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.04000	0.34000 = 0.82357	
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04000	0.00000	0.34000 = 0.82357	
Customer Choice											
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)		From Others per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)					(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.40000	0.0000	From Utility	
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.40000	0.0000	3.4000 = 8.2105	
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.40000	0.0000	3.4000 = 7.5482	
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.40000	0.0000	3.4000 = 7.0454	
Customer Choice											
alternative suppliers	(see above)				(see above)			(see above)		From Others per contract	
Transportation											
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000		From Others per contract	
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000		per contract	
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000		per contract	
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000		per contract	
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000		per contract	
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000		per contract	
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000		per contract	
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000		per contract	
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000		per contract	
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0243							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.

March 1, 2023

	Customer Charge	MRP Rider	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				Total Vol Charge
	see note 4	see note 1	see note 2	see note 3						
	(\$/month)			(volumetric charges in \$/Ccf metered)						
RESIDENTIAL SERVICE										
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.06	0.15120	0.00602	0.22478	0.00000	+(0.70396	+ 0.04165	= 0.74561	)= 1.12761
Customer Choice-Residential							From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A			0.00000	+ per contract	+ 0.04165		
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)			(volumetric charges in \$/Mcf metered)						
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	0.13	3.60	0.06020	1.62000	0.00000	+(7.0396	+ 0.4165	= 7.4561	)= 9.13630
Medium General Service	50.00	1.25	30.16	0.06020	1.56550	0.00000	+(7.0396	+ 0.4165	= 7.4561	)= 10.08180
Large General Service	425.00	2.36	145.41	0.06020	1.02490	0.00000	+(7.0396	+ 0.4165	= 7.4561	)= 8.54120
GasLight Rate-Commercial			3.76	0.06020	1.62000	0.00000	+(7.0396	+ 0.4165	= 7.4561	)= 9.13630
Customer Choice-Comm. & Ind.							From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)				(see above)	+ per contract	+ 0.4165		
	Customer Charge	MRP Rider	EWR Surcharge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation	\$/mo									
TR-1	850.00	3.07	38.91	0.7733	0.6233	0.00000				
TR-2	2,250.00	19.49	211.34	0.4811	0.3311	0.00000				
TR-3	3,050.00	119.48	918.93	0.4643	0.3143	0.00000				

Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.

Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: All TCJA has been canceled with filing of new rates per U-20718

Note 4: The Main Replacement Program rider will be implemented January 2023 and will continue until either base rates are established in a future contested case addressing the MRP or December 31, 2027

Customer Attachment Program

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rate Books

surcharges are in addition to rates above

SEMCO ENERGY GAS COMPANY

March 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
								(volumetric charges in \$/Therm metered)	
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451		Gas Costs From Utility: 0.54900 Balancing and Demand Charge: 0.10600 GCR Factor: 0.65500	0.93366
<u>Customer Choice-Residential alternative suppliers</u>		12.25				0.22451		From Others: per contract Balancing and Demand Charge: 0.10600	
COMMERCIAL & INDUSTRIAL SERVICE									
			(\$/month)					(volumetric charges in \$/Dth metered)	
Sales									
General Service (GS-1) (0-9 Dth)		15.00	1.27	1.28	2.8287	1.9556		Gas Costs From Utility: 5.49000 Balancing and Demand Charge: 1.0600 GCR Factor: 6.5500	11.33430
General Service (GS-1) (>9 Dth)					0.0001	1.9556		Gas Costs From Utility: 5.49000 Balancing and Demand Charge: 1.0600 GCR Factor: 6.5500	8.50570
General Service (GS-2) (0-9 Dth)		38.80	6.64	6.68	2.8287	1.5226		Gas Costs From Utility: 5.49000 Balancing and Demand Charge: 1.0600 GCR Factor: 6.5500	10.90130
General Service (GS-2) (>9 Dth)					0.0001	1.5226		Gas Costs From Utility: 5.49000 Balancing and Demand Charge: 1.0600 GCR Factor: 6.5500	8.07270
General Service (GS-3) (0-9 Dth)		116.20	40.06	40.26	2.8287	1.1966		Gas Costs From Utility: 5.49000 Balancing and Demand Charge: 1.0600 GCR Factor: 6.5500	10.57530
General Service (GS-3) (>9 Dth)					0.0001	1.1966		Gas Costs From Utility: 5.49000 Balancing and Demand Charge: 1.0600 GCR Factor: 6.5500	7.74670
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)					(see above)	Distribution Charge	From Others: per contract Balancing and Demand Charge: 1.06000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)	350.00	116.91	117.51	0.21370	75.00	0.07480		per contract	1.0334
TR-1 (>2500 Dth)				0.0001		0.07480			0.0344
TR-2 (0-2500 Dth)	1,089.15	590.59	593.63	0.21370	75.00	0.07480		per contract	0.8563
TR-2 (>2500 Dth)				0.0001		0.07480			0.8563
TR-3 (0-2500 Dth)	10,831.50	2951.68	2966.86	0.21370	75.00	0.07480		per contract	0.4669
TR-3 (>2500 Dth)				0.0001		0.07480			0.4669

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: EWR charge effective on and after January 1, 2023**Note 2:** New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.**Note 3:** Effective for bills rendered on and after January 1, 2023, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.**Note 4:** Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year[Rates at semcoenergy.com](https://www.semcoenergy.com)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](https://www.semcoenergygas.com)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.55212	= 0.6452
Seasonal	10.00	0.09614	+ -0.00310	0.55212	= 0.6452
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	5.5212	= 6.3416
Small Seasonal	18.53	0.8514	+ -0.03100	5.5212	= 6.3416
Large	93.17	0.6214	+ -0.03100	5.5212	= 6.1116
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.59846	= 0.9260
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	5.9846	= 7.9169
Firm (304)	930.67	2.1460	+ -0.1240	5.9846	= 8.0066
Interruptible (303)	223.17	0.8390	+ -0.1240	5.9846	= 6.6996
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**AMERIGAS EAGLE PROPANE L.P.**[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	5.6620	7.5851	/Mcf U-21062
DTE Gas Company	Decrease	4.4200	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	7.4561	7.4561	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	6.5500	8.5125	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	5.8061	7.2764	/Dth U-21060
Xcel Energy	Unchanged	5.9846	5.9846	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company							
- As Currently Billed	6.2637	5.6620					/Mcf
-U-20814 - As Filed or as Ordered	7.5851	7.5851					/Mcf
DTE Gas Company							
- As Currently Billed	4.8200	4.4200					/Mcf
-U-20816- As Filed or As Ordered	5.0700	5.0700					/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926	7.4561					/Mcf
-U-20818- As Filed or as Ordered	7.6926	7.4561					/Mcf
Presque Isle E. & G. Coop. *			(Rates set by local government regulation, not by the MPSC)				
SEMCO Energy Gas Company							
- As Currently Billed	7.5000	6.5500					/Dth
-U-20822 - As Filed or as Ordered	8.5125	8.5125					/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)				
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656	5.8061					/Dth
-U-20812 - As Filed or as Ordered	7.4656	7.2764					/Dth
Xcel Energy							
- As Currently Billed	5.9846	5.9846					/Dth
-U-20820 - As Filed or as Ordered	5.9846	5.9846					/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.52157	+ 0.56620	= 1.08777	\$122.38	15%
DTE Gas Company	15.50	0.46043	+ 0.44200	= 0.90243	\$105.74	0%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.74561	= 1.12761	\$125.76	18%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.65500	= 0.93366	\$106.64	0%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.58061	= 0.67365	\$72.37	-32%
Xcel Energy	12.00	0.32758	+ 0.59846	= 0.92604	\$104.60	-2%
AVERAGE RATE	12.06	0.34388	+ 0.59798	= 0.70640	\$106.25	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.56620	=	1.08777
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)													0.56620	=	1.08777
Customer Choice															
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)								(volumetric charges in \$/Mcf)				
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		5.6620	=	10.4155
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		5.6620	=	9.3192
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		5.6620	=	9.1246
													5.6620	=	8.6471
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									February 1, 2023	
	Customer Charge See note 4	IRM Surcharge See note 1 (\$/month)	RDM Surcharge See note 6	EWR Surcharge See note 2		Distribution Charge	Reservation Charge See note 3 (volumetric charges in \$/Ccf)	TCJA Credit C See note 5	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04000	0.00000	From Utility 0.44200 = 0.90243
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.00	0.05498	+	0.38859	+	0.04000	0.00000 0.44200 = 0.92557
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04000	0.00000	0.44200 = 0.92557
Customer Choice										
alternative suppliers	(see above)					(see above)	+	0.04000	(see above)	From Others per contract
COMMERCIAL & INDUSTRIAL SERVICE										
Sales										
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.40000	0.0000	From Utility 4.4200 = 9.2305
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.40000	0.0000	4.4200 = 8.5682
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.40000	0.0000	4.4200 = 8.0654
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.40000	0.0000	4.4200 = 8.1434
Customer Choice										
alternative suppliers	(see above)					(see above)			(see above)	From Others per contract
Transportation										
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000		From Others per contract
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000		per contract
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000		per contract
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000		per contract
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000		per contract
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000		per contract
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000		per contract
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000		per contract
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000		per contract
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000		per contract
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000		per contract
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000		per contract
EUT Exploratory Program				0.0243						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	\$10/MMBtu									
Load Balancing Storage Charge	47.00					.0470/cubic foot				
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.										
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023										
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round										
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference: see Rate Books for more details										

SEMCO ENERGY GAS COMPANY

February 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451		+ (0.54900 + 0.10600 = 0.65500)	0.93366
Customer Choice-Residential alternative suppliers		12.25				0.22451		+ From Others per contract + 0.10600	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	1.27	1.28	2.8287	1.9556		+ (5.49000 + 1.0600 + 6.5500)	11.33430
	(>9 Dth)				0.0001	1.9556		5.49000 1.0600 6.5500	8.50570
General Service (GS-2) (0-9 Dth)		38.80	6.64	6.68	2.8287	1.5226		+ (5.49000 + 1.0600 + 6.5500)	10.90130
	(>9 Dth)				0.0001	1.5226		5.49000 1.0600 6.5500	8.07270
General Service (GS-3) (0-9 Dth)		116.20	40.06	40.26	2.8287	1.1966		+ (5.49000 + 1.0600 + 6.5500)	10.57530
	(>9 Dth)				0.0001	1.1966		5.49000 1.0600 6.5500	7.74670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)					(see above)	Distribution Charge	+ From Others per contract + 1.06000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	116.91	117.51	0.21370	75.00	0.07480	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.07480	1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	590.59	593.63	0.21370	75.00	0.07480	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.07480	0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	2951.68	2966.86	0.21370	75.00	0.07480	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.07480	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2023									
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base									
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

February 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.58061	= 0.6737
Seasonal	10.00	0.09614	+ -0.00310	0.58061	= 0.6737
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	5.8061	= 6.6265
Small Seasonal	18.53	0.8514	+ -0.03100	5.8061	= 6.6265
Large	93.17	0.6214	+ -0.03100	5.8061	= 6.3965
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.59846	= 0.9260
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	5.9846	= 7.9169
Firm (304)	930.67	2.1460	+ -0.1240	5.9846	= 8.0066
Interruptible (303)	223.17	0.8390	+ -0.1240	5.9846	= 6.6996
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2023

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	6.2637	7.5851	/Mcf U-21062
DTE Gas Company	Decrease	4.8200	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Unchanged	7.6926	7.6926	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	7.5000	8.5125	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	7.4656	7.4656	/Dth U-21060
Xcel Energy	Decrease	5.9846	5.9846	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2023

Calendar Year of GCR Factors

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.2637						/Mcf
-U-20814 - As Filed or as Ordered	7.5851						/Mcf
DTE Gas Company							
- As Currently Billed	4.8200						/Mcf
-U-20816- As Filed or As Ordered	5.0700						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.6926						/Mcf
-U-20818- As Filed or as Ordered	7.6926						/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	7.5000						/Dth
-U-20822 - As Filed or as Ordered	8.5125						/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.4656						/Dth
-U-20812 - As Filed or as Ordered	7.4656						/Dth
Xcel Energy							
- As Currently Billed	5.9846						/Dth
-U-20820 - As Filed or as Ordered	5.9846						/Dth

GAS COST RECOVERY FACTOR HISTORY

January 1, 2023

Calendar Year of GCR Factors

	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2023

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.52157	+ 0.62637	= 1.14794	\$128.39	14%
DTE Gas Company	15.50	0.46543	+ 0.48200	= 0.94743	\$110.24	-2%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.76926	= 1.15126	\$128.13	14%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.27	0.27866	+ 0.75000	= 1.02866	\$116.14	3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.74656	= 0.83960	\$88.96	-21%
Xcel Energy	12.00	0.32758	+ 0.59846	= 0.92604	\$104.60	-7%
AVERAGE RATE	12.06	0.34471	+ 0.66211	= 0.75512	\$112.74	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2023

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)												(volumetric charges in \$/ccf)
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		From Utility	0.62637	= 1.14794
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.04164	+	0.47993		0.00		0.62637	=	1.14794
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice															
alternative suppliers	13.60		0.00				0.04164		0.47993		(see above)		From Others		
per contract															
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
			(\$/month)												(volumetric charges in \$/Mcf)
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.4938	+	4.25970		0.00		From Utility	6.2637	= 11.0172
General Service - Rate GS-2	107.37		0.00		0.00	+	0.4938	+	3.16340		0.00		6.2637	=	9.9209
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.4938	+	2.96880		0.00		6.2637	=	9.7263
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0163	+	2.96880		0.00		6.2637	=	9.2488
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others		
per contract															
Transportation															
													From Others		
													per contract		
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.4938		1.4846		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0163		1.4846		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.4938		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0163		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.4938		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0163		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the January 2023 billing month, per U-21205

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										January 1, 2023
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1 (\$/month)	See note 6	See note 2		See note 3 (volumetric charges in \$/Ccf)	See note 5			
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A	13.50	2.19	0.00	0.03184	+	0.38859	+	0.04500	0.00000	From Utility
Residential Multi Family Rate 2A Class 1	13.50	14.03	+	0.05498	+	0.38859	+	0.04500	0.00000	0.48200 = 0.94743
Residential Multi Family Rate 2A Class 2	40.00	14.03	0.00	0.05498	+	0.38859	+	0.04500	0.00000	0.48200 = 0.97057
Customer Choice										
alternative suppliers	(see above)				(see above)	+	0.04500	(see above)		From Others
										per contract
COMMERCIAL & INDUSTRIAL SERVICE										
		(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales										
Rate GS-1	40.00	10.06	0.00	0.5498	+	3.8607	+	0.45000	0.0000	From Utility
Rate GS-2 (<100,000 Mcf)	750.00	10.06	0.00	0.5498	+	3.1984	+	0.45000	0.0000	4.8200 = 9.6805
Rate GS-2 (>100,000 Mcf)	750.00	10.06	0.00	0.0470	+	3.1984	+	0.45000	0.0000	4.8200 = 9.0182
Rate S	225.00	133.58	0.00	0.5498	+	2.7736	+	0.45000	0.0000	4.8200 = 8.5154
Customer Choice										
alternative suppliers	(see above)				(see above)			(see above)		From Others
										per contract
Transportation										
Rate ST (cost based rate)	2,780.00	507.24	0.00	0.0470		1.4906		0.0000		From Others
Maximum (optional)	2,780.00	507.24	0.00	0.0470		2.7512		0.0000		per contract
Minimum (optional)	2,780.00	507.24	0.00	0.0470		0.2300		0.0000		per contract
Rate LT (cost based rate)	6,780.00	2466.62	0.00	0.0470		0.9427		0.0000		per contract
Maximum (optional)	6,780.00	2466.62	0.00	0.0470		1.6554		0.0000		per contract
Minimum (optional)	6,780.00	2466.62	0.00	0.0470		0.2300		0.0000		per contract
Rate XLT (cost based rate)	17,250.00	14,011.30	0.00	0.0470		0.7060		0.0000		per contract
Maximum (optional)	17,250.00	14,011.30	0.00	0.0470		1.2321		0.0000		per contract
Minimum (optional)	17,250.00	14,011.30	0.00	0.0470		0.1800		0.0000		per contract
Rate XXLT (cost based rate)	169,835.00	3,502.51	0.00	0.0470		0.1933		0.0000		per contract
Maximum (optional)	169,835.00	3,502.51	0.00	0.0470		1.2321		0.0000		per contract
Minimum (optional)	169,835.00	3,502.51	0.00	0.0470		0.0500		0.0000		per contract
EUT Exploratory Program				0.0243						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	\$10/MMBtu									
Load Balancing Storage Charge	47.00					.0470/cubic foot				
Note 1: Effective January 2023, customers pay the IRM surcharge per U-20940. Changes each January 1st.										
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2023										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023										
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round										
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference:	see	Rate Books								for more details

SEMCO ENERGY GAS COMPANY

January 1, 2023

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
								(volumetric charges in \$/Therm metered)	
Sales									
Residential Service		12.25	0.51	0.51	0.05415	0.22451		Gas Costs From Utility 0.64800 + Balancing and Demand Charge 0.10200 = GCR Factor 0.75000	1.02866
Customer Choice-Residential alternative suppliers		12.25				0.22451		From Others per contract + Balancing and Demand Charge 0.10200	
COMMERCIAL & INDUSTRIAL SERVICE									
			(\$/month)					(volumetric charges in \$/Dth metered)	
Sales									
General Service (GS-1) (0-9 Dth)	15.00	1.27	1.28	2.8287	1.9556			Gas Costs From Utility 6.48000 + Balancing and Demand Charge 1.0200 + GCR Factor 7.5000	12.28430
				0.0001	1.9556			6.48000 1.0200 7.5000	9.45570
General Service (GS-2) (0-9 Dth)	38.80	6.64	6.68	2.8287	1.5226			Gas Costs From Utility 6.48000 + Balancing and Demand Charge 1.0200 + GCR Factor 7.5000	11.85130
				0.0001	1.5226			6.48000 1.0200 7.5000	9.02270
General Service (GS-3) (0-9 Dth)	116.20	40.06	40.26	2.8287	1.1966			Gas Costs From Utility 6.48000 + Balancing and Demand Charge 1.0200 + GCR Factor 7.5000	11.52530
				0.0001	1.1966			6.48000 1.0200 7.5000	8.69670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)					(see above)	Distribution Charge	From Others per contract + Balancing and Demand Charge 1.02000	
		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate (\$/Dth)
Transportation									
TR-1 (0-2500 Dth)	350.00	116.91	117.51	0.21370	75.00	0.07480		per contract 1.0334	0.0344
				0.0001		0.07480		1.0334	0.0344
TR-2 (0-2500 Dth)	1,089.15	590.59	593.63	0.21370	75.00	0.07480		per contract 0.8563	0.0344
				0.0001		0.07480		0.8563	0.0344
TR-3 (0-2500 Dth)	10,831.50	2951.68	2966.86	0.21370	75.00	0.07480		per contract 0.4669	0.0344
				0.0001		0.07480		0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after January 1, 2023									
Note 2: New MRP will be effective on and after January 2023; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base									
Note 3: Effective for bills rendered on and after January 1, 2023, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

January 1, 2023

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.74656	= 0.8396
Seasonal	10.00	0.09614	+ -0.00310	0.74656	= 0.8396
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.4656	= 8.2860
Small Seasonal	18.53	0.8514	+ -0.03100	7.4656	= 8.2860
Large	93.17	0.6214	+ -0.03100	7.4656	= 8.0560
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	12.00	0.33500	+ -0.00742	0.59846	= 0.9260
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	32.04	2.1460	+ -0.2137	5.9846	= 7.9169
Firm (304)	930.67	2.1460	+ -0.1240	5.9846	= 8.0066
Interruptible (303)	223.17	0.8390	+ -0.1240	5.9846	= 6.6996
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	6.4167	7.5851	/Mcf U-21062
DTE Gas Company	Unchanged	5.0700	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	7.6926	7.6926	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	7.5000	8.5125	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	7.1130	7.5412	/Dth U-21060
Xcel Energy	Unchanged	6.7304	6.7304	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2022

Calendar Year of GCR Factors

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

December 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1818	5.6854	6.1818	7.4345	6.7714	6.4167	/Mcf
-U-20541 - As Filed or as Ordered	6.1818	5.6854	6.1818	7.5851	7.5851	7.5851	/Mcf
DTE Gas Company							
- As Currently Billed	4.2800	3.9200	5.0700	5.2300	5.0700	5.0700	/Mcf
-U-20543- As Filed or As Ordered	4.2800	3.9200	5.0700	5.2300	5.0700	5.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.7082	7.6926	8.2756	8.5671	7.8869	7.6926	/Mcf
-U-20545- As Filed or as Ordered	7.7082	7.6926	8.2756	8.5671	7.8869	7.6926	/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	8.5750	6.9900	8.5570	8.6561	8.5125	7.5000	/Dth
-U-20551 - As Filed or as Ordered	8.5750	7.1202	8.5570	8.6561	8.5125	8.5125	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.5458	6.6785	7.5458	7.5458	7.2764	7.1130	/Dth
-U-20539 - As Filed or As Ordered	7.5458	7.3343	7.5458	7.5458	7.8060	7.5412	/Dth
Xcel Energy							
- As Currently Billed	6.7304	6.7304	6.7304	6.7304	6.7304	6.7304	/Dth
-U-20547 - As Filed or as Ordered	6.7304	6.7304	6.7304	6.7304	6.7304	6.7304	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.51778	+ 0.64167	= 1.15945	\$129.55	16%
DTE Gas Company	13.94	0.46090	+ 0.50700	= 0.96790	\$110.73	-1%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.76926	= 1.15126	\$128.13	15%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.27823	+ 0.75000	= 1.02823	\$115.67	3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.71130	= 0.80434	\$85.43	-24%
Xcel Energy	11.00	0.22908	+ 0.67304	= 0.90212	\$101.21	-9%
AVERAGE RATE	11.57	0.32684	+ 0.67538	= 0.75166	\$111.79	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2022

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales														From Utility	
Rate A	13.60	+	0.00	+	0.00	+	0.03785	+	0.47993		0.00		0.64167	=	1.15945
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.03785	+	0.47993		0.00		0.64167	=	1.15945
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice														From Others	
alternative suppliers	13.60		0.00				0.03785		0.47993		(see above)			per contract	
														* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE			(\$/month)								(volumetric charges in \$/Mcf)				
Sales														From Utility	
General Service - Rate GS-1	16.00		0.00		0.00	+	0.5466	+	4.25970		0.00		6.4167	=	11.2230
General Service - Rate GS-2	107.37		0.00		0.00	+	0.5466	+	3.16340		0.00		6.4167	=	10.1267
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.5466	+	2.96880		0.00		6.4167	=	9.9321
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0181	+	2.96880		0.00		6.4167	=	9.4036
Customer Choice														From Others	
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)			per contract	
Transportation							(volumetric charges in \$/Mcf)							From Others	
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.5466		1.4846		0.00			per contract	
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0181		1.4846		0.00			per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.5466		1.3042		0.00			per contract	
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0181		1.3042		0.00			per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.5466		0.9443		0.00			per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0181		0.5261		0.00			per contract	
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000			per contract	
OTHER Sheet D-14.00			(\$/luminaire)											(\$/luminaire)	
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										December 1, 2022	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1 (\$/month)	See note 6	See note 2			See note 3 (volumetric charges in \$/Ccf)	See note 5			
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04000	0.00000	From Utility 0.50700 = 0.96790	
Residential Multi Family Rate 2A Class 1	13.50	4.06	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.50700 = 0.99099	
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.50700 = 0.99099	
Customer Choice											
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)		From Others per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)					(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.40000	0.0000	From Utility 5.0700 = 9.8847	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	5.0700 = 9.2224	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	5.0700 = 8.7137	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.40000	0.0000	5.0700 = 8.7976	
Customer Choice											
alternative suppliers	(see above)				(see above)			(see above)		From Others per contract	
Transportation											
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others per contract	
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract	
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract	
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract	
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract	
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract	
Rate XXLT (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract	
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0226							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.									
									December 1, 2022
	Customer Charge	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				Total Vol Charge
		see note 1	see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.15120	0.00602	0.22478	0.00000	+(0.70396	+ 0.06530	= 0.76926	= 1.15126
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		0.00000	+ per contract	+ 0.06530		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	3.60	0.06020	1.62000	0.00000	+(7.0396	+ 0.6530	= 7.6926	= 9.37280
Medium General Service	50.00	30.16	0.06020	1.56550	0.00000	+(7.0396	+ 0.6530	= 7.6926	= 10.31830
Large General Service	425.00	145.41	0.06020	1.02490	0.00000	+(7.0396	+ 0.6530	= 7.6926	= 8.77770
GasLight Rate-Commercial		3.76	0.06020	1.62000	0.00000	+(7.0396	+ 0.6530	= 7.6926	= 9.37280
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	+ per contract	+ 0.6530		
Transportation	(\$/mo)								
TR-1	850.00	38.91		0.7733	0.6233	0.00000			
TR-2	2,250.00	211.34		0.4811	0.3311	0.00000			
TR-3	3,050.00	918.93		0.4643	0.3143	0.00000			
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation. Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 3: All TCJA has been canceled with filing of new rates per U-20718 Customer Attachment Program surcharges are in addition to rates above Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

December 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.30	0.30	0.05372	0.22451		+ (0.65000 + 0.10000) = 0.75000 }	1.02823
Customer Choice-Residential alternative suppliers		12.25				0.22451		+ per contract + 0.10000	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1)	(0-9 Dth)	15.00	0.76	0.75	2.8017	1.9556		+ (6.50000 + 1.0000 + 7.5000) = 15.0000 }	12.25730
	(>9 Dth)				0.0001	1.9556		6.50000 1.0000 7.5000	9.45570
General Service (GS-2)	(0-9 Dth)	38.80	3.95	3.91	2.8017	1.5226		+ (6.50000 + 1.0000 + 7.5000) = 15.0000 }	11.82430
	(>9 Dth)				0.0001	1.5226		6.50000 1.0000 7.5000	9.02270
General Service (GS-3)	(0-9 Dth)	116.20	23.79	23.57	2.8017	1.1966		+ (6.50000 + 1.0000 + 7.5000) = 15.0000 }	11.49830
	(>9 Dth)				0.0001	1.1966		6.50000 1.0000 7.5000	8.69670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)					(see above)	Distribution Charge	+ per contract + 1.00000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate
TR-1	(0-2500 Dth)	350.00	69.44	68.79	0.21130	75.00	0.07480	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.07480	1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	350.79	347.49	0.21130	75.00	0.07480	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.07480	0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	1753.19	1736.71	0.21130	75.00	0.07480	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.07480	0.4669	0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after August 1, 2022 Under the authority of the Michigan Public Service Commission									
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base									
Note 3: Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

December 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.71130	= 0.8043
Seasonal	10.00	0.09614	+ -0.00310	0.71130	= 0.8043
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.1130	= 7.9334
Small Seasonal	18.53	0.8514	+ -0.03100	7.1130	= 7.9334
Large	93.17	0.6214	+ -0.03100	7.1130	= 7.7034
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.23650	+ -0.00742	0.67304	= 0.9021
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	31.04	1.7500	+ -0.2137	6.7304	= 8.2667
Firm (304)	929.67	1.7500	+ -0.1240	6.7304	= 8.3564
Interruptible (303)	223.17	0.6400	+ -0.1240	6.7304	= 7.2464
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	6.7714	7.5851	/Mcf U-21062
DTE Gas Company	Decrease	5.0700	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	7.8869	7.8869	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	8.5125	8.5125	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	7.2764	7.8060	/Dth U-21060
Xcel Energy	Unchanged	6.7304	6.7304	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1818	5.6854	6.1818	7.4345	6.7714		/Mcf
-U-20541 - As Filed or as Ordered	6.1818	5.6854	6.1818	7.5851	7.5851		/Mcf
DTE Gas Company							
- As Currently Billed	4.2800	3.9200	5.0700	5.2300	5.0700		/Mcf
-U-20543- As Filed or As Ordered	4.2800	3.9200	5.0700	5.2300	5.0700		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.7082	7.6926	8.2756	8.5671	7.8869		/Mcf
-U-20545- As Filed or as Ordered	7.7082	7.6926	8.2756	8.5671	7.8869		/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	8.5750	6.9900	8.5570	8.6561	8.5125		/Dth
-U-20551 - As Filed or as Ordered	8.5750	7.1202	8.5570	8.6561	8.5125		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.5458	6.6785	7.5458	7.5458	7.2764		/Dth
-U-20539 - As Filed or As Ordered	7.5458	7.3343	7.5458	7.5458	7.8060		/Dth
Xcel Energy							
- As Currently Billed	6.7304	6.7304	6.7304	6.7304	6.7304		/Dth
-U-20547 - As Filed or as Ordered	6.7304	6.7304	6.7304	6.7304	6.7304		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	13.60	0.51778	+ 0.67714	= 1.19492	\$133.09	16%
DTE Gas Company	13.94	0.46090	+ 0.50700	= 0.96790	\$110.15	-4%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.78869	= 1.17069	\$130.07	14%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.27823	+ 0.85125	= 1.12948	\$125.80	10%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.72764	= 0.82068	\$87.07	-24%
Xcel Energy	11.00	0.22908	+ 0.67304	= 0.90212	\$101.21	-12%
AVERAGE RATE	11.57	0.32684	+ 0.70413	= 0.77322	\$114.56	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2022

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	13.60	+	0.00	+	0.00	+	0.03785	+	0.47993		0.00		From Utility		
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.00	+	0.03785	+	0.47993		0.00		0.67714	=	1.19492
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)															
Customer Choice															
alternative suppliers	13.60		0.00				0.03785		0.47993		(see above)		From Others		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	16.00		0.00		0.00	+	0.5466	+	4.25970		0.00		From Utility		
General Service - Rate GS-2	107.37		0.00		0.00	+	0.5466	+	3.16340		0.00		6.7714	=	11.5777
General Service - Rate GS-3 (0-100,000 Year)	269.55		0.00		0.00	+	0.5466	+	2.96880		0.00		6.7714	=	10.4814
General Service - Rate GS-3 (>100,000 Year)	269.55		0.00		0.00	+	0.0181	+	2.96880		0.00		6.7714	=	10.2868
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	934.33		0.00		0.00		0.5466		1.4846		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	934.33		0.00		0.00		0.0181		1.4846		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25		0.00		0.00		0.5466		1.3042		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2432.25		0.00		0.00		0.0181		1.3042		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04		0.00		0.00		0.5466		0.9443		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97		0.00		0.00		0.0181		0.5261		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
(\$/luminaire)															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	7.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	12.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									November 1, 2022	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1 (\$/month)	See note 6	See note 2			See note 3 (volumetric charges in \$/Ccf)	See note 5		
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A	13.50	0.63	-0.58	0.03231	+	0.38859	+	0.04000	0.00000	From Utility 0.50700 = 0.96790
Residential Multi Family Rate 2A Class 1	13.50	4.06	+ -1.14	0.0554	+	0.38859	+	0.04000	0.00000	0.50700 = 0.99099
Residential Multi Family Rate 2A Class 2	40.00	4.06	-5.03	0.0554	+	0.38859	+	0.04000	0.00000	0.50700 = 0.99099
Customer Choice										From Others
alternative suppliers	(see above)					(see above)	+	0.04000	(see above)	per contract
COMMERCIAL & INDUSTRIAL SERVICE										
		(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales										
Rate GS-1	40.00	2.91	-2.55	0.554	+	3.8607	+	0.40000	0.0000	From Utility 5.0700 = 9.8847
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	5.0700 = 9.2224
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	5.0700 = 8.7137
Rate S	225.00	38.60	-32.22	0.554	+	2.7736	+	0.40000	0.0000	5.0700 = 8.7976
Customer Choice										From Others
alternative suppliers	(see above)					(see above)			(see above)	per contract
Transportation										
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others per contract
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract
Rate XXL T (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract
EUT Exploratory Program				0.0226						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	\$10/MMBtu									
Load Balancing Storage Charge	47.00					.0470/cubic foot				
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.										
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023										
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round										
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference: see Rate Books for more details										

SEMCO ENERGY GAS COMPANY

November 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.30	0.30	0.05372	0.22451	+(0.73740 + 0.11385) = 0.85125		1.12948
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract + 0.11385		
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.8017	1.9556	+(7.37400 + 1.1385 + 8.5125) =		13.26980
					0.0001	1.9556	7.37400 + 1.1385 + 8.5125		10.46820
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.8017	1.5226	+(7.37400 + 1.1385 + 8.5125) =		12.83680
					0.0001	1.5226	7.37400 + 1.1385 + 8.5125		10.03520
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.8017	1.1966	+(7.37400 + 1.1385 + 8.5125) =		12.51080
					0.0001	1.1966	7.37400 + 1.1385 + 8.5125		9.70920
Customer Choice-Comm. & Industrial alternative suppliers		(see above)				(see above)	+ Distribution Charge From Others per contract + 1.13850		
		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate (\$/Dth)
Transportation									
TR-1 (0-2500 Dth)		350.00	69.44	68.79	0.21130	75.00	0.07480	per contract 1.0334	0.0344
					0.0001		0.07480	1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	350.79	347.49	0.21130	75.00	0.07480	per contract 0.8563	0.0344
					0.0001		0.07480	0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	1753.19	1736.71	0.21130	75.00	0.07480	per contract 0.4669	0.0344
					0.0001		0.07480	0.4669	0.0344
OTHER									
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.							
Note 1: EWR charge effective on and after August 1, 2022 Under the authority of the Michigan Public Service Commission									
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base									
Note 3: Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

November 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.72764	= 0.8207
Seasonal	10.00	0.09614	+ -0.00310	0.72764	= 0.8207
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.2764	= 8.0968
Small Seasonal	18.53	0.8514	+ -0.03100	7.2764	= 8.0968
Large	93.17	0.6214	+ -0.03100	7.2764	= 7.8668
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.23650	+ -0.00742	0.67304	= 0.9021
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	31.04	1.7500	+ -0.2137	6.7304	= 8.2667
Firm (304)	929.67	1.7500	+ -0.1240	6.7304	= 8.3564
Interruptible (303)	223.17	0.6400	+ -0.1240	6.7304	= 7.2464
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	7.4345	7.5851	/Mcf U-21062
DTE Gas Company	Increase	5.2300	5.2300	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	8.5671	8.5671	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	8.6561	8.6561	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Unchanged	7.5458	7.5458	/Dth U-21060
Xcel Energy	Unchanged	6.7304	6.7304	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2022

Calendar Year of GCR Factors

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

October 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1818	5.6854	6.1818	7.4345		/Mcf
-U-20541 - As Filed or as Ordered	6.1818	5.6854	6.1818	7.5851		/Mcf
DTE Gas Company						
- As Currently Billed	4.2800	3.9200	5.0700	5.2300		/Mcf
-U-20543- As Filed or As Ordered	4.2800	3.9200	5.0700	5.2300		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.7082	7.6926	8.2756	8.5671		/Mcf
-U-20545- As Filed or as Ordered	7.7082	7.6926	8.2756	8.5671		/Mcf
Presque Isle E. & G. Coop.						
SEMCO Energy Gas Company						
- As Currently Billed	8.5750	6.9900	8.5570	8.6561		/Dth
-U-20551 - As Filed or as Ordered	8.5750	7.1202	8.5570	8.6561		/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	7.5458	6.6785	7.5458	7.5458		/Dth
-U-20539 - As Filed or As Ordered	7.5458	7.3343	7.5458	7.5458		/Dth
Xcel Energy						
- As Currently Billed	6.7304	6.7304	6.7304	6.7304		/Dth
-U-20547 - As Filed or as Ordered	6.7304	6.7304	6.7304	6.7304		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	13.60	0.51778	+ 0.74345	= 1.26123	\$139.72	19%
DTE Gas Company	13.94	0.46090	+ 0.52300	= 0.98390	\$111.75	-5%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.85671	= 1.23871	\$136.87	16%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.27823	+ 0.86561	= 1.14384	\$127.23	8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.75458	= 0.84762	\$89.76	-24%
Xcel Energy	11.00	0.22908	+ 0.67304	= 0.90212	\$101.21	-14%
AVERAGE RATE	11.57	0.32684	+ 0.73607	= 0.79718	\$117.76	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2022

	Customer Charge see note 1	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	13.60	+	0.00	+	0.03785	+	0.47993	0.00
Rate A-1 Residential Multi-Family	13.60	+	0.00	+	0.03785	+	0.47993	0.00
Excess Peak Demand Charge \$0.0828/Mcf (Note 1)								
Customer Choice								
alternative suppliers	13.60			0.03785	0.47993	(see above)		
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	16.00	0.00	0.00	+	0.5466	+	4.25970	0.00
General Service - Rate GS-2	107.37	0.00	0.00	+	0.5466	+	3.16340	0.00
General Service - Rate GS-3 (0-100,000 Year)	269.55	0.00	0.00	+	0.5466	+	2.96880	0.00
General Service - Rate GS-3 (>100,000 Year)	269.55	0.00	0.00	+	0.0181	+	2.96880	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	934.33	0.00	0.00	0.5466	1.4846	0.00		
Rate ST Cost Based Rate (>100,000 Year)	934.33	0.00	0.00	0.0181	1.4846	0.00		
Rate LT Cost Based Rate (0-100,000 Year)	2432.25	0.00	0.00	0.5466	1.3042	0.00		
Rate LT Cost Based Rate (>100,000 Year)	2432.25	0.00	0.00	0.0181	1.3042	0.00		
Rate XLT Cost Based Rate (0-100,000 Year)	17600.04	0.00	0.00	0.5466	0.9443	0.00		
Rate XXLT Cost Based Rate (>100,000 Year)	53440.97	0.00	0.00	0.0181	0.5261	0.00		
XLT/XXLT Remote Meter Charge	70.00		0.00			0.0000		
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	7.00					includes gas	0.00	
2.6 to 4.5 CF/Hr	12.00					includes gas	0.00	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 3: Effective for bills rendered on and after the October 2022 billing month. Per U-21148. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									October 1, 2022	
	Customer Charge See note 4	IRM Surcharge See note 1 (\$/month)	RDM Surcharge See note 6	EWR Surcharge See note 2		Distribution Charge	Reservation Charge See note 3 '(volumetric charges in \$/Ccf)	TCJA Credit C See note 5	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A	13.50	0.63	-0.58	0.03231	+	0.38859	+	0.04000	0.00000	From Utility 0.52300 = 0.98390
Residential Multi Family Rate 2A Class 1	13.50	4.06	-1.14	0.0554	+	0.38859	+	0.04000	0.00000	0.52300 = 1.00699
Residential Multi Family Rate 2A Class 2	40.00	4.06	-5.03	0.0554	+	0.38859	+	0.04000	0.00000	0.52300 = 1.00699
Customer Choice										
alternative suppliers	(see above)					(see above)	+	0.04000	(see above)	From Others per contract
COMMERCIAL & INDUSTRIAL SERVICE										
Sales										
Rate GS-1	40.00	2.91	-2.55	0.554	+	3.8607	+	0.40000	0.0000	From Utility 5.2300 = 10.0447
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	5.2300 = 9.3824
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	5.2300 = 8.8737
Rate S	225.00	38.60	-32.22	0.554	+	2.7736	+	0.40000	0.0000	5.2300 = 8.9576
Customer Choice										
alternative suppliers	(see above)					(see above)			(see above)	From Others per contract
Transportation										
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others per contract
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract
Rate XXL T (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract
EUT Exploratory Program				0.0226						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	\$10/MMBtu									
Load Balancing Storage Charge	47.00					.0470/cubic foot				
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.										
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023										
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round										
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Note 6: RDM effective for two months beginning with the first billing cycle of October 2022 per U-21186										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference: see Rate Books for more details										

SEMCO ENERGY GAS COMPANY

October 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.30	0.30	0.05372	0.22451	+(0.75775 + 0.10786) = 0.86561	)	1.14384
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract + 0.10786		
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.8017	1.9556	+(7.57750 + 1.0786 + 8.6561 ) =	)	13.41340
	(>9 Dth)				0.0001	1.9556	7.57750 + 1.0786 + 8.6561		10.61180
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.8017	1.5226	+(7.57750 + 1.0786 + 8.6561 ) =	)	12.98040
	(>9 Dth)				0.0001	1.5226	7.57750 + 1.0786 + 8.6561		10.17880
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.8017	1.1966	+(7.57750 + 1.0786 + 8.6561 ) =	)	12.65440
	(>9 Dth)				0.0001	1.1966	7.57750 + 1.0786 + 8.6561		9.85280
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		+ Distribution Charge From Others per contract + 1.07860		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate (\$/Dth)
TR-1	(0-2500 Dth)	350.00	69.44	68.79	0.21130	75.00	0.07480	per contract	\$/Dth 1.0334
	(>2500 Dth)				0.0001		0.07480		0.0344
TR-2	(0-2500 Dth)	1,089.15	350.79	347.49	0.21130	75.00	0.07480	per contract	0.8563
	(>2500 Dth)				0.0001		0.07480		0.0344
TR-3	(0-2500 Dth)	10,831.50	1753.19	1736.71	0.21130	75.00	0.07480	per contract	0.4669
	(>2500 Dth)				0.0001		0.07480		0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: EWR charge effective on and after August 1, 2022 Under the authority of the Michigan Public Service Commission									
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base									
Note 3: Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

October 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.75458	= 0.8476
Seasonal	10.00	0.09614	+ -0.00310	0.75458	= 0.8476
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.5458	= 8.3662
Small Seasonal	18.53	0.8514	+ -0.03100	7.5458	= 8.3662
Large	93.17	0.6214	+ -0.03100	7.5458	= 8.1362
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.23650	+ -0.00742	0.67304	= 0.9021
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	31.04	1.7500	+ -0.2137	6.7304	= 8.2667
Firm (304)	929.67	1.7500	+ -0.1240	6.7304	= 8.3564
Interruptible (303)	223.17	0.6400	+ -0.1240	6.7304	= 7.2464
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	6.1818	6.1818	/Mcf U-21062
DTE Gas Company	Increase	5.0700	5.0700	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	8.2756	8.2756	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	8.5570	8.5570	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	7.5458	7.5458	/Dth U-21060
Xcel Energy	Unchanged	6.7304	6.7304	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

September 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	6.1818	5.6854	6.1818				/Mcf
-U-20541 - As Filed or as Ordered	6.1818	5.6854	6.1818				/Mcf
DTE Gas Company							
- As Currently Billed	4.2800	3.9200	5.0700				/Mcf
-U-20543- As Filed or As Ordered	4.2800	3.9200	5.0700				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.7082	7.6926	8.2756				/Mcf
-U-20545- As Filed or as Ordered	7.7082	7.6926	8.2756				/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	8.5750	6.9900	8.5570				/Dth
-U-20551 - As Filed or as Ordered	8.5750	7.1202	8.5570				/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	7.5458	6.6785	7.5458				/Dth
-U-20539 - As Filed or As Ordered	7.5458	7.3343	7.5458				/Dth
Xcel Energy							
- As Currently Billed	6.7304	6.7304	6.7304				/Dth
-U-20547 - As Filed or as Ordered	6.7304	6.7304	6.7304				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.60	0.45798	+ 0.61818	= 1.07616	\$120.22	6%
DTE Gas Company	13.94	0.46090	+ 0.50700	= 0.96790	\$110.73	-3%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.82756	= 1.20956	\$133.96	18%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.27823	+ 0.85570	= 1.13393	\$126.24	11%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.75458	= 0.84762	\$89.76	-21%
Xcel Energy	11.00	0.22908	+ 0.67304	= 0.90212	\$101.21	-11%
AVERAGE RATE	11.40	0.31687	+ 0.70601	= 0.76716	\$113.69	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2022

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
	see note 1		see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.03785	+	0.42013		0.00		From Utility		
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.03785	+	0.42013		0.00		0.61818	=	1.07616
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)													0.61818	=	1.07616
Customer Choice															
alternative suppliers	12.60		0.00				0.03785		0.42013		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
			(\$/month)								(volumetric charges in \$/Mcf)				
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.5466	+	3.62550		0.00		From Utility		
General Service - Rate GS-2	91.63		0.00		0.00	+	0.5466	+	2.70600		0.00		6.1818	=	10.3539
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.5466	+	2.53440		0.00		6.1818	=	9.4344
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0181	+	2.53440		0.00		6.1818	=	9.2628
													6.1818	=	8.7343
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.5466		1.2162		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0181		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.5466		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0181		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.5466		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0181		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 3: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										September 1, 2022	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 6	See note 2		See note 3	See note 5				
	(\$/month)					(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04000	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04000	0.50700 = 0.96790	
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.50700 = 0.99099	
Customer Choice											
alternative suppliers	(see above)					(see above)	+	0.04000	(see above)	From Others	
										per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.40000	0.0000	From Utility	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	5.0700 = 9.8847	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	5.0700 = 9.2224	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.40000	0.0000	5.0700 = 8.7137	
Customer Choice											
alternative suppliers	(see above)					(see above)			(see above)	From Others	
										per contract	
Transportation											
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others	
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract	
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract	
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract	
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract	
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract	
Rate XXL T (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract	
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0226							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM expired as of December 2021 per U-20966											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books								for more details	

SEMCO ENERGY GAS COMPANY

September 1, 2022

		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge	Facility Improvement Demand Surcharge see note 4			Total Charge
RESIDENTIAL SERVICE										
							(volumetric charges in \$/Therm metered)			
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.30	0.30	0.05372	0.22451		+(0.74784	+ 0.10786	= 0.85570
										)- 1.13393
Customer Choice-Residential								From Others	Balancing and Demand Charge	
alternative suppliers		12.25				0.22451		+ per contract	+ 0.10786	
COMMERCIAL & INDUSTRIAL SERVICE										
							(volumetric charges in \$/Dth metered)			
Sales			(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1)	(0-9 Dth)	15.00	0.76	0.75	2.8017	1.9556		+(7.47840	+ 1.0786	+ 8.5570
	(>9 Dth)				0.0001	1.9556		7.47840	1.0786	8.5570
General Service (GS-2)	(0-9 Dth)	38.80	3.95	3.91	2.8017	1.5226		+(7.47840	+ 1.0786	+ 8.5570
	(>9 Dth)				0.0001	1.5226		7.47840	1.0786	8.5570
General Service (GS-3)	(0-9 Dth)	116.20	23.79	23.57	2.8017	1.1966		+(7.47840	+ 1.0786	+ 8.5570
	(>9 Dth)				0.0001	1.1966		7.47840	1.0786	8.5570
										)- 9.75370
Customer Choice-Comm. & Industrial							Distribution Charge	From Others	Balancing and Demand Charge	
alternative suppliers	(see above)					(see above)		+ per contract	+ 1.07860	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Distribution Charge (\$/Dth)	Balancing Recovery Rate (\$/Dth)
TR-1	(0-2500 Dth)	350.00	69.44	68.79	0.21130	75.00	0.07480	per contract	1.0334	0.0344
	(>2500 Dth)				0.0001		0.07480		1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	350.79	347.49	0.21130	75.00	0.07480	per contract	0.8563	0.0344
	(>2500 Dth)				0.0001		0.07480		0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	1753.19	1736.71	0.21130	75.00	0.07480	per contract	0.4669	0.0344
	(>2500 Dth)				0.0001		0.07480		0.4669	0.0344
OTHER										
Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: EWR charge effective on and after August 1, 2022 Under the authority of the Michigan Public Service Commission										
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base										
Note 3: Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.										
Note 4: Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212 and will continue through March 31, 2027 with renewed charges on April 1 of each year										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
Rates Reference: see Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

September 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.75458	= 0.8476
Seasonal	10.00	0.09614	+ -0.00310	0.75458	= 0.8476
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.5458	= 8.3662
Small Seasonal	18.53	0.8514	+ -0.03100	7.5458	= 8.3662
Large	93.17	0.6214	+ -0.03100	7.5458	= 8.1362
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.23650	+ -0.00742	0.67304	= 0.9021
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	31.04	1.7500	+ -0.2137	6.7304	= 8.2667
Firm (304)	929.67	1.7500	+ -0.1240	6.7304	= 8.3564
Interruptible (303)	223.17	0.6400	+ -0.1240	6.7304	= 7.2464
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	84.04	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC EWR Surcharge effective on and after June 1 2022, per 20880**Note 2:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.

Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	5.6854	5.6854	/Mcf U-21062
DTE Gas Company	Decrease	3.9200	3.9200	/Mcf U-21064
Michigan Gas Utilities Corp	Decrease	7.6926	7.6926	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	6.9900	7.1202	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	6.6785	7.3343	/Dth U-21060
Xcel Energy	Unchanged	6.7304	6.7304	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

August 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1818	5.6854				/Mcf
-U-20541 - As Filed or as Ordered	6.1818	5.6854				/Mcf
DTE Gas Company						
- As Currently Billed	4.2800	3.9200				/Mcf
-U-20543- As Filed or As Ordered	4.2800	3.9200				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.7082	7.6926				/Mcf
-U-20545- As Filed or as Ordered	7.7082	7.6926				/Mcf
Presque Isle E. & G. Coop.						
SEMCO Energy Gas Company						
- As Currently Billed	8.5750	6.9900				/Dth
-U-20551 - As Filed or as Ordered	8.5750	7.1202				/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	7.5458	6.6785				/Dth
-U-20539 - As Filed or As Ordered	7.5458	7.3343				/Dth
Xcel Energy						
- As Currently Billed	6.7304	6.7304				/Dth
-U-20547 - As Filed or as Ordered	6.7304	6.7304				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.45798	+ 0.56854	= 1.02652	\$115.25	9%
DTE Gas Company	13.94	0.46090	+ 0.39200	= 0.85290	\$99.23	-6%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.76926	= 1.15126	\$128.13	21%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.27823	+ 0.69900	= 0.97723	\$110.57	5%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.66785	= 0.76089	\$81.09	-23%
Xcel Energy	11.00	0.21978	+ 0.67304	= 0.89282	\$100.28	-5%
AVERAGE RATE	11.40	0.31532	+ 0.62828	= 0.70770	\$105.76	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.03785		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.5466	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.5466	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.5466	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0181	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.5466		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0181		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.5466		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0181		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.5466		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0181		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 2: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 3: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										August 1, 2022		
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge			
	See note 4	See note 1	See note 6	See note 2	See note 3	See note 3	See note 5					
	(\$/month)				(volumetric charges in \$/Ccf)							
RESIDENTIAL SERVICE												
Sales												
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04000	0.00000	From Utility		
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.39200	= 0.85290
Residential Multi Family Rate 2A Class 2	40.00	4.06		0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.39200	= 0.87599
Customer Choice										From Others		
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)		per contract		
COMMERCIAL & INDUSTRIAL SERVICE												
	(\$/month)				(volumetric charges in \$/Mcf metered)							
Sales										From Utility		
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.40000	0.0000	3.9200	= 8.7347	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	3.9200	= 8.0724	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	3.9200	= 7.5637	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.40000	0.0000	3.9200	= 7.6476	
Customer Choice										From Others		
alternative suppliers	(see above)				(see above)			(see above)		per contract		
Transportation										From Others		
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		per contract		
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract		
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract		
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract		
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract		
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract		
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract		
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract		
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract		
Rate XXLT (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract		
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract		
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract		
EUT Exploratory Program				0.0226								
Rate XLT/XXLT-Remote Meter Charge	100.00											
Unauthorized Gas Usage Charge	\$10/MMBtu											
Load Balancing Storage Charge	47.00					.0470/cubic foot						
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.												
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023												
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023												
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round												
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.												
Note 6: RDM expired as of December 2021 per U-20966												
Rates at utilities.dteenergy.com (PDF version)												
Understanding your bill at dteenergy.com												
Rates Reference:	see	Rate Books	for more details									

Customer Charge

EWR Surcharge

Gas Supply Acquisition

Distribution Charge

TCJA Surcharge

Total Vol Charge

see note 1

see note 2

see note 3

August 1, 2022

RESIDENTIAL SERVICE

(\$/month)

(volumetric charges in \$/Ccf metered)

Sales

Residential Service

13.00

0.15120

0.00602

0.22478

0.00000

+

0.70396

+

0.06530

=

0.76926

=

1.15126

Customer Choice-Residential

alternative suppliers

(see above)

(see above)

N/A

0.00000

+

per contract

+

0.06530

COMMERCIAL & INDUSTRIAL SERVICE

(\$/month)

(volumetric charges in \$/Mcf metered)

Sales

Small General Service

35.00

3.60

0.06020

1.62000

0.00000

+

7.0396

+

0.6530

=

7.6926

=

9.37280

Medium General Service

50.00

30.16

0.06020

1.56550

0.00000

+

7.0396

+

0.6530

=

7.6926

=

10.31830

Large General Service

425.00

145.41

0.06020

1.02490

0.00000

+

7.0396

+

0.6530

=

7.6926

=

8.77770

GasLight Rate-Commercial

3.76

0.06020

1.62000

0.00000

+

7.0396

+

0.6530

=

7.6926

=

9.37280

Customer Choice-Comm. & Ind.

alternative suppliers

(see above)

(see above)

(see above)

+

per contract

+

0.6530

Customer Charge

EWR Surcharge

On-Peak (Nov-Mar)

Off-Peak (Apr-Oct)

Transportation

\$/mo

TR-1

850.00

38.91

0.7733

0.6233

0.00000

TR-2

2,250.00

211.34

0.4811

0.3311

0.00000

TR-3

3,050.00

918.93

0.4643

0.3143

0.00000

Note 1: Reservation charge effective on and after August 1, 2022 per U-21066. Issued Under Authority of 1082 PA 304, Section 6h and the Michigan Public Service Commission

Note 2: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.

Note 3: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 4: All TCJA has been canceled with filing of new rates per U-20718

Customer Attachment Program surcharges are in addition to rates above

Rates at [michigangasutilities.com](#)

Understanding your bill at [michigangasutilities.com](#)

Rate Books

SEMCO ENERGY GAS COMPANY

August 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
								(volumetric charges in \$/Therm metered)	
Sales									
Residential Service		12.25	0.30	0.30	0.05372	0.22451		+(0.59114 + 0.10786 = 0.69900)	0.97723
<u>Customer Choice-Residential alternative suppliers</u>		12.25				0.22451		+ From Others per contract + 0.10786	
COMMERCIAL & INDUSTRIAL SERVICE									
			(\$/month)					(volumetric charges in \$/Dth metered)	
Sales									
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.8017	1.9556		+(5.91140 + 1.0786 + 6.9900)	11.74730
	(>9 Dth)				0.0001	1.9556		5.91140 + 1.0786 + 6.9900	8.94570
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.8017	1.5226		+(5.91140 + 1.0786 + 6.9900)	11.31430
	(>9 Dth)				0.0001	1.5226		5.91140 + 1.0786 + 6.9900	8.51270
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.8017	1.1966		+(5.91140 + 1.0786 + 6.9900)	10.98830
	(>9 Dth)				0.0001	1.1966		5.91140 + 1.0786 + 6.9900	8.18670
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)					(see above)	Distribution Charge	+ From Others per contract + 1.07860	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others \$/Dth	Balancing Recovery Rate \$/Dth
TR-1 (0-2500 Dth)		350.00	69.44	68.79	0.21130	75.00	0.07480	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		0.07480	1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	350.79	347.49	0.21130	75.00	0.07480	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.07480	0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	1753.19	1736.71	0.21130	75.00	0.07480	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.07480	0.4669	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: EWR charge effective on and after August 1, 2022 Under the authority of the Michigan Public Service Commission**Note 2:** Balancing & Demand Charge effective on and after August 1, 2022 per U-21070**Note 3:** Facility Improvement Demand Surcharge effective August 1, 2022, per U-21212**Note 4:** Effective for bills rendered on and after May 1, 2022, pursuant to order U-20883**Note 5:** New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.**Note 6:** Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.**Note 7:** Effective for bills rendered on and after June 1, 2022, pursuant to order U-21169 and will continue through March 31, 2027 with renewed charges on April 1 of each yearRates at semcoenergy.comCustomer Attachment ProgramUnderstanding your bill at semcoenergygas.com

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.66785	= 0.7609
Seasonal	10.00	0.09614	+ -0.00310	0.66785	= 0.7609
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	6.6785	= 7.4989
Small Seasonal	18.53	0.8514	+ -0.03100	6.6785	= 7.4989
Large	93.17	0.6214	+ -0.03100	6.6785	= 7.2689
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.67304	= 0.8928
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	6.7304	= 8.2667
Firm (304)	476.66	1.7500	+ -0.1240	6.7304	= 8.3564
Interruptible (303)	145.79	0.6400	+ -0.1240	6.7304	= 7.2464
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after June 1 2022, per 20880 Note 2: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 3: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Unchanged	6.1818	6.1818	/Mcf U-21062
DTE Gas Company	Increase	4.2800	4.2800	/Mcf U-21064
Michigan Gas Utilities Corp	Unchanged	7.7082	7.7082	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	8.5750	8.5750	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	7.5458	7.5458	/Dth U-21060
Xcel Energy	Increase	6.7304	6.7304	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2022

Calendar Year of GCR Factors

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or as Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

July 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1818					/Mcf
-U-20541 - As Filed or as Ordered	6.1818					/Mcf
DTE Gas Company						
- As Currently Billed	4.2800					/Mcf
-U-20543- As Filed or As Ordered	4.2800					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.7082					/Mcf
-U-20545- As Filed or as Ordered	7.7082					/Mcf
Presque Isle E. & G. Coop.						
SEMCO Energy Gas Company						
- As Currently Billed	8.5750					/Dth
-U-20551 - As Filed or as Ordered	8.5750					/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	7.5458					/Dth
-U-20539 - As Filed or As Ordered	7.5458					/Dth
Xcel Energy						
- As Currently Billed	6.7304					/Dth
-U-20547 - As Filed or as Ordered	6.7304					/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	12.60	0.45798	+ 0.61818	= 1.07616	\$120.22	8%
DTE Gas Company	13.94	0.46090	+ 0.42800	= 0.88890	\$102.83	-7%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.77082	= 1.15282	\$128.28	15%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26717	+ 0.85750	= 1.12467	\$125.32	13%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.75458	= 0.84762	\$89.76	-19%
Xcel Energy	11.00	0.21978	+ 0.67304	= 0.89282	\$100.28	-10%
AVERAGE RATE	11.40	0.31348	+ 0.68369	= 0.74787	\$111.11	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.03785		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.5466	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.5466	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.5466	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0181	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.5466		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0181		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.5466		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0181		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.5466		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0181		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 2: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 3: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										July 1, 2022	
	Customer Charge See note 4	IRM Surcharge See note 1	RDM Surcharge See note 6	EWR Surcharge See note 2		Distribution Charge (volumetric charges in \$/Ccf)	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04000	0.00000	From Utility 0.42800 = 0.88890	
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04000	0.00000 0.42800 = 0.91199	
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04000	0.00000 0.42800 = 0.91199		
Customer Choice											
alternative suppliers	(see above)					(see above)	+	0.04000	(see above)	From Others per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
Sales											
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.40000	0.0000	From Utility 4.2800 = 9.0947	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	4.2800 = 8.4324	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	4.2800 = 7.9237	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.40000	0.0000	4.2800 = 8.0076	
Customer Choice											
alternative suppliers	(see above)					(see above)			(see above)	From Others per contract	
Transportation											
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others per contract	
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract	
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract	
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract	
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract	
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract	
Rate XXL T (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract	
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0226							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: TCJA Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM expired as of December 2021 per U-20966											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

SEMCO ENERGY GAS COMPANY

July 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.30	0.30	0.04266	0.22451		Gas Costs From Utility: 0.75775 + Balancing and Demand Charge: 0.09975 = GCR Factor: 0.85750):	1.12467
Customer Choice-Residential alternative suppliers		12.25				0.22451		From Others: per contract + Balancing and Demand Charge: 0.09975	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.4124	1.9556		Gas Costs From Utility: 7.57750 + Balancing and Demand Charge: 0.9975 + GCR Factor: 8.5750):	12.94300
	(>9 Dth)				0.0001	1.9556		7.57750 0.9975 8.5750	10.53070
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.4124	1.5226		Gas Costs From Utility: 7.57750 + Balancing and Demand Charge: 0.9975 + GCR Factor: 8.5750):	12.51000
	(>9 Dth)				0.0001	1.5226		7.57750 0.9975 8.5750	10.09770
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.4124	1.1966		Gas Costs From Utility: 7.57750 + Balancing and Demand Charge: 0.9975 + GCR Factor: 8.5750):	12.18400
	(>9 Dth)				0.0001	1.1966		7.57750 0.9975 8.5750	9.77170
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		Distribution Charge	From Others: per contract + Balancing and Demand Charge: 0.99750	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	69.44	68.79	0.20990	75.00	0.07480	per contract	1.0334 0.0344
	(>2500 Dth)				0.0001		0.07480		1.0334 0.0344
TR-2 (0-2500 Dth)		1,089.15	350.79	347.49	0.20990	75.00	0.07480	per contract	0.8563 0.0344
	(>2500 Dth)				0.0001		0.07480		0.8563 0.0344
TR-3 (0-2500 Dth)		10,831.50	1753.19	1736.71	0.20990	75.00	0.07480	per contract	0.4669 0.0344
	(>2500 Dth)				0.0001		0.07480		0.4669 0.0344
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: Effective for bills rendered on and after May 1, 2022, pursuant to order U-20883									
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Effective for bills rendered on and after June 1, 2022, pursuant to order U-21169 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

July 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.75458	= 0.8476
Seasonal	10.00	0.09614	+ -0.00310	0.75458	= 0.8476
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.5458	= 8.3662
Small Seasonal	18.53	0.8514	+ -0.03100	7.5458	= 8.3662
Large	93.17	0.6214	+ -0.03100	7.5458	= 8.1362
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.67304	= 0.8928
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	6.7304	= 8.2667
Firm (304)	476.66	1.7500	+ -0.1240	6.7304	= 8.3564
Interruptible (303)	145.79	0.6400	+ -0.1240	6.7304	= 7.2464
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after June 1 2022, per 20880 Note 2: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 3: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2022

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	6.1818	6.1818 /Mcf	U-21062
DTE Gas Company	<i>Increase</i>	4.2500	4.2500 /Mcf	U-21064
Michigan Gas Utilities Corp	<i>Increase</i>	7.7082	7.7082 /Mcf	U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	7.7500	8.5750 /Dth	U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	7.4896	7.5458 /Dth	U-21060
Xcel Energy	<i>Unchanged</i>	5.5957	5.5957 /Dth	U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199	6.1818	/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199	6.1818	/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500	4.2500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578	7.7082	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160	7.7500	/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160	8.5750	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673	7.4896	/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227	7.5458	/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5957	5.5957	5.5957	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2022

Calendar Year of GCR Factors

	Jul-22 \$/unit	Aug-22 \$/unit	Sep-22 \$/unit	Oct-22 \$/unit	Nov-22 \$/unit	Dec-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20541 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20543- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20545- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20551 - As Filed or as Ordered							/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20547 - As Filed or as Ordered							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	12.60	0.45798	+ 0.61818	= 1.07616	\$120.22	12%
DTE Gas Company	13.94	0.46090	+ 0.42500	= 0.88590	\$102.53	-5%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.77082	= 1.15282	\$128.28	19%
Presque Isle E. & G. Coop.						(Rates set by local government regulation, not by the MPSC)
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26717	+ 0.77500	= 1.04217	\$117.07	9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09304	+ 0.74896	= 0.84200	\$89.20	-17%
Xcel Energy	11.00	0.21978	+ 0.55957	= 0.77935	\$88.94	-17%
AVERAGE RATE	11.40	0.31348	+ 0.64959	= 0.72230	\$107.71	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.03785		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.5466	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.5466	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.5466	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0181	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.5466		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0181		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.5466		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0181		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.5466		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0181		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 2: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 3: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										June 1, 2022		
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge			
	See note 4	See note 1	See note 6	See note 2	See note 3	See note 3	See note 5					
	(\$/month)				(volumetric charges in \$/Ccf)							
RESIDENTIAL SERVICE												
Sales												
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04000	0.00000	From Utility		
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.42500	= 0.88590
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.42500	= 0.90899	
Customer Choice										From Others		
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)		per contract		
COMMERCIAL & INDUSTRIAL SERVICE												
	(\$/month)				(volumetric charges in \$/Mcf metered)							
Sales										From Utility		
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.40000	0.0000	4.2500	= 9.0647	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	4.2500	= 8.4024	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	4.2500	= 7.8937	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.40000	0.0000	4.2500	= 7.9776	
Customer Choice										From Others		
alternative suppliers	(see above)				(see above)			(see above)		per contract		
Transportation										From Others		
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		per contract		
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract		
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract		
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract		
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract		
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract		
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract		
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract		
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract		
Rate XXLT (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract		
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract		
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract		
EUT Exploratory Program				0.0226								
Rate XLT/XXLT-Remote Meter Charge	100.00											
Unauthorized Gas Usage Charge	\$10/MMBtu											
Load Balancing Storage Charge	47.00					.0470/cubic foot						
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.												
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023												
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023												
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round												
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.												
Note 6: RDM expired as of December 2021 per U-20966												
Rates at utilities.dteenergy.com (PDF version)												
Understanding your bill at dteenergy.com												
Rates Reference:	see	Rate Books	for more details									

MICHIGAN GAS UTILITIES CORP.

June 1, 2022

	Customer Charge	EWB Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3				Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.15120	0.00602	0.22478	0.00000	0.69929	0.07153	0.77082	1.15282
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		0.00000	per contract	0.07153		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	3.60	0.06020	1.62000	0.00000	6.9929	0.7153	7.7082	9.38840
Medium General Service	50.00	30.16	0.06020	1.56550	0.00000	6.9929	0.7153	7.7082	10.33390
Large General Service	425.00	145.41	0.06020	1.02490	0.00000	6.9929	0.7153	7.7082	8.79330
GasLight Rate-Commercial		3.76	0.06020	1.62000	0.00000	6.9929	0.7153	7.7082	9.38840
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	per contract	0.7153		
	Customer Charge	EWB Surcharge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	38.91		0.7733	0.6233	0.00000			
TR-2	2,250.00	211.34		0.4811	0.3311	0.00000			
TR-3	3,050.00	918.93		0.4643	0.3143	0.00000			

Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.

Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: All TCJA has been canceled with filing of new rates per U-20718

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

June 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge	Facility Improvement Demand Surcharge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1		see note 4		
RESIDENTIAL SERVICE									
(volumetric charges in \$/Therm metered)									
Sales									
Residential Service		12.25	0.30	0.30	0.04266	0.22451		Gas Costs From Utility: 0.67525 + Balancing and Demand Charge: 0.09975 = GCR Factor: 0.77500):	1.04217
Customer Choice-Residential alternative suppliers		12.25				0.22451		From Others: per contract + Balancing and Demand Charge: 0.09975	
COMMERCIAL & INDUSTRIAL SERVICE									
(volumetric charges in \$/Dth metered)									
Sales			(\$/month)						
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.4124	1.9556		Gas Costs From Utility: 6.75250 + Balancing and Demand Charge: 0.9975 + GCR Factor: 7.7500):	12.11800
	(>9 Dth)				0.0001	1.9556		6.75250 0.9975 7.7500	9.70570
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.4124	1.5226		Gas Costs From Utility: 6.75250 + Balancing and Demand Charge: 0.9975 + GCR Factor: 7.7500):	11.68500
	(>9 Dth)				0.0001	1.5226		6.75250 0.9975 7.7500	9.27270
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.4124	1.1966		Gas Costs From Utility: 6.75250 + Balancing and Demand Charge: 0.9975 + GCR Factor: 7.7500):	11.35900
	(>9 Dth)				0.0001	1.1966		6.75250 0.9975 7.7500	8.94670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		Distribution Charge	From Others: per contract + Balancing and Demand Charge: 0.99750	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	Facility Improvement Demand Surcharge (\$/Dth)	From Others	Balancing Recovery Rate (\$/Dth)
TR-1 (0-2500 Dth)		350.00	69.44	68.79	0.20990	75.00	0.07480	per contract	1.0334
	(>2500 Dth)				0.0001		0.07480		1.0334
TR-2 (0-2500 Dth)		1,089.15	350.79	347.49	0.20990	75.00	0.07480	per contract	0.8563
	(>2500 Dth)				0.0001		0.07480		0.8563
TR-3 (0-2500 Dth)		10,831.50	1753.19	1736.71	0.20990	75.00	0.07480	per contract	0.4669
	(>2500 Dth)				0.0001		0.07480		0.4669
OTHER									
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: Effective for bills rendered on and after May 1, 2022, pursuant to order U-20883									
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.									
Note 3: Effective for bills rendered on and after January 1, 2022, and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.									
Note 4: Effective for bills rendered on and after June 1, 2022, pursuant to order U-21169 and will continue through March 31, 2027 with renewed charges on April 1 of each year									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
surcharges are in addition to rates above									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

June 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09614	+ -0.00310	0.74896	= 0.8420
Seasonal	10.00	0.09614	+ -0.00310	0.74896	= 0.8420
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.27	0.8514	+ -0.03100	7.4896	= 8.3100
Small Seasonal	18.53	0.8514	+ -0.03100	7.4896	= 8.3100
Large	93.17	0.6214	+ -0.03100	7.4896	= 8.0800
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.55957	= 0.7794
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	5.5957	= 7.1320
Firm (304)	476.66	1.7500	+ -0.1240	5.5957	= 7.2217
Interruptible (303)	145.79	0.6400	+ -0.1240	5.5957	= 6.1117
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC EWR Surcharge effective on and after June 1 2022, per 20880 Note 2: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 3: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	5.5199	5.5199	/Mcf U-21062
DTE Gas Company	Increase	3.8500	3.8500	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	6.6578	6.6578	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	7.1160	7.1160	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	6.8673	7.1227	/Dth U-21060
Xcel Energy	Unchanged	5.5957	5.5957	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2022

Calendar Year of GCR Factors

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684	5.5199		/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684	5.5199		/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200	3.8500		/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200	3.8500		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823	6.6578		/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823	6.6578		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700	7.1160		/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660	7.1160		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542	6.8673		/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644	7.1227		/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5970	5.5970		/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5970	5.5970		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	12.60	0.45798	+ 0.55199	= 1.00997	\$113.60	11%
DTE Gas Company	13.94	0.46090	+ 0.38500	= 0.84590	\$98.53	-3%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.66578	= 1.04778	\$117.78	15%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26717	+ 0.71160	= 0.97877	\$110.73	8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.68673	= 0.78027	\$83.03	-19%
Xcel Energy	11.00	0.21978	+ 0.55957	= 0.77935	\$88.94	-13%
AVERAGE RATE	11.40	0.31356	+ 0.59345	= 0.68026	\$102.10	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.03785		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.5466	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.5466	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.5466	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0181	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.5466		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0181		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.5466		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0181		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.5466		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0181		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: Energy efficiency charge effective on the April 2022 billing month, per U-20875

Note 2: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 3: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										May 1, 2022			
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge				
	See note 4	See note 1	See note 6	See note 2		See note 3	See note 5						
	(\$/month)				(volumetric charges in \$/Ccf)								
RESIDENTIAL SERVICE													
Sales													
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04000	0.00000	From Utility	0.38500	=	0.84590
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.38500	=	0.86899
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04000	0.00000	0.38500	=	0.86899	
Customer Choice										From Others			
alternative suppliers	(see above)				(see above)	+	0.04000	(see above)		per contract			
COMMERCIAL & INDUSTRIAL SERVICE													
	(\$/month)				(volumetric charges in \$/Mcf metered)								
Sales										From Utility			
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.40000	0.0000	3.8500	=	8.6647	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.40000	0.0000	3.8500	=	8.0024	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.40000	0.0000	3.8500	=	7.4937	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.40000	0.0000	3.8500	=	7.5776	
Customer Choice										From Others			
alternative suppliers	(see above)				(see above)			(see above)		per contract			
Transportation										From Others			
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		per contract			
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract			
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract			
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract			
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract			
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract			
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract			
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract			
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract			
Rate XXLT (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract			
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract			
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract			
EUT Exploratory Program				0.0226									
Rate XLT/XXLT-Remote Meter Charge	100.00												
Unauthorized Gas Usage Charge	\$10/MMBtu												
Load Balancing Storage Charge	47.00					.0470/cubic foot							
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.													
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023													
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2022 thru last bill cycle March 2023													
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round													
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.													
Note 6: RDM expired as of December 2021 per U-20966													
Rates at utilities.dteenergy.com (PDF version)													
Understanding your bill at dteenergy.com													
Rates Reference:	see	Rate Books	for more details										

MICHIGAN GAS UTILITIES CORP.									
May 1, 2022									
	Customer Charge	EWRSurcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				
		see note 1	see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.15120	0.00602	0.22478	0.00000	+	0.59425	+	0.07153
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		0.00000	+	per contract	+	0.07153
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	3.60	0.06020	1.62000	0.00000	+	5.9425	+	0.7153
Medium General Service	50.00	30.16	0.06020	1.56550	0.00000	+	5.9425	+	0.7153
Large General Service	425.00	145.41	0.06020	1.02490	0.00000	+	5.9425	+	0.7153
GasLight Rate-Commercial		3.76	0.06020	1.62000	0.00000	+	5.9425	+	0.7153
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	+	per contract	+	0.7153
	Customer Charge	EWRSurcharge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	38.91		0.7733	0.6233	0.00000			
TR-2	2,250.00	211.34		0.4811	0.3311	0.00000			
TR-3	3,050.00	918.93		0.4643	0.3143	0.00000			

Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation.

Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: All TCJA has been canceled with filing of new rates per U-20718

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY										May 1, 2022	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.30	0.30	0.04266	0.22451	+(0.61185	+ 0.09975	= 0.71160	): 0.97877
Customer Choice-Residential alternative suppliers		12.25				0.22451	From Others	Balancing and Demand Charge			
							+ per contract	+ 0.09975			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.4124	1.9556	+(6.11850	+ 0.9975	+ 7.1160	): 11.48400
					0.0001	1.9556	6.11850	0.9975	7.1160	9.07170	
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.4124	1.5226	+(6.11850	+ 0.9975	+ 7.1160	): 11.05100
					0.0001	1.5226	6.11850	0.9975	7.1160	8.63870	
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.4124	1.1966	+(6.11850	+ 0.9975	+ 7.1160	): 10.72500
					0.0001	1.1966	6.11850	0.9975	7.1160	8.31270	
Customer Choice-Comm. & Industrial alternative suppliers		(see above)				(see above)	Distribution Charge	From Others	Balancing and Demand Charge		
							+ per contract	+ 0.99750			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)		
TR-1 (0-2500 Dth)		350.00	69.44	68.79	0.20990	75.00	per contract	1.0334	0.0344		
					0.0001			1.0334	0.0344		
TR-2 (0-2500 Dth)		1,089.15	350.79	347.49	0.20990	75.00	per contract	0.8563	0.0344		
					0.0001			0.8563	0.0344		
TR-3 (0-2500 Dth)		10,831.50	1753.19	1736.71	0.20990	75.00	per contract	0.4669	0.0344		
					0.0001			0.4669	0.0344		
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after May 1, 2022, pursuant to order U-20883											
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2022 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
surcharges are in addition to rates above											
Rates Reference: see Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

May 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.68673	= 0.7803
Seasonal	10.00	0.09664	+ -0.00310	0.68673	= 0.7803
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	6.8673	= 7.6877
Small Seasonal	18.32	0.8514	+ -0.03100	6.8673	= 7.6877
Large	95.65	0.6214	+ -0.03100	6.8673	= 7.4577
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.55957	= 0.7794
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	5.5957	= 7.1320
Firm (304)	476.66	1.7500	+ -0.1240	5.5957	= 7.2217
Interruptible (303)	145.79	0.6400	+ -0.1240	5.5957	= 6.1117
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	4.5684	4.5684	/Mcf U-21062
DTE Gas Company	Increase	3.5200	3.5200	/Mcf U-21064
Michigan Gas Utilities Corp	Increase	5.0823	5.0823	/Mcf U-21066
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	5.8700	5.9660	/Dth U-21070
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	6.2542	6.6644	/Dth U-21060
Xcel Energy	Decrease	5.5957	5.5957	/Dth U-21068

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573	4.5684			/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573	4.5684			/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600	3.5200			/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600	3.5200			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073	5.0823			/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073	5.0823			/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071	5.8700			/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071	5.9660			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939	6.2542			/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939	6.6644			/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787	5.5970			/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787	5.5970			/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.45798	+ 0.45684	= 0.91482	\$104.08	10%
DTE Gas Company	13.94	0.46290	+ 0.35200	= 0.81490	\$95.43	1%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.50823	= 0.89023	\$102.02	8%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26924	+ 0.58700	= 0.85624	\$98.47	4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.62542	= 0.71896	\$76.90	-18%
Xcel Energy	11.00	0.21978	+ 0.55957	= 0.77935	\$88.94	-6%
AVERAGE RATE	11.40	0.31424	+ 0.51484	= 0.62181	\$94.31	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.03785	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.03785		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.5466	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.5466	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.5466	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0181	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.5466		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0181		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.5466		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0181		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.5466		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0181		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: Energy efficiency charge effective on the April 2022 billing month, per U-20875**Note 2:** The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.**Note 3:** Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.**Note 4:** New rates effective on and after October 1, 2020 per U-20650**Note 5:** IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED****Note 6:** Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED****Note 7:** Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**[Customer Attachment Program](#) surcharges are in addition to rates above[Understanding your bill at Consumersenergy.com](#)Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										April 1, 2022	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge		
	See note 4	See note 1	See note 6	See note 2		See note 3	See note 5				
	(\$/month)				(volumetric charges in \$/Ccf)						
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04200	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04200	0.00000	0.35200 = 0.83799
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04200	0.00000	0.35200 = 0.83799	
Customer Choice											
alternative suppliers	(see above)				(see above)	+	0.04200	(see above)		per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)				(volumetric charges in \$/Mcf metered)						
Sales											
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.42000	0.0000	3.5200 = 8.3547	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.42000	0.0000	3.5200 = 7.6924	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.42000	0.0000	3.5200 = 7.1837	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.42000	0.0000	3.5200 = 7.2676	
Customer Choice											
alternative suppliers	(see above)				(see above)			(see above)		per contract	
Transportation											
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		per contract	
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract	
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract	
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract	
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract	
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract	
Rate XXLT (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract	
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0226							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2021 thru last bill cycle March 2022											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM expired as of December 2021 per U-20966											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.									
April 1, 2022									
	Customer Charge	EWRSurcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	Total Vol Charge			
		see note 1	see note 2		see note 3				
	(\$/month)				(volumetric charges in \$/Ccf metered)				
RESIDENTIAL SERVICE									
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.15120	0.00602	0.22478	0.00000	+(0.43670	+ 0.07153	= 0.50823	= 0.89023
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		0.00000	+ per contract	+ 0.07153		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	3.60	0.06020	1.62000	0.00000	+(4.3670	+ 0.7153	= 5.0823	= 6.76250
Medium General Service	50.00	30.16	0.06020	1.56550	0.00000	+(4.3670	+ 0.7153	= 5.0823	= 7.70800
Large General Service	425.00	145.41	0.06020	1.02490	0.00000	+(4.3670	+ 0.7153	= 5.0823	= 6.16740
GasLight Rate-Commercial		3.76	0.06020	1.62000	0.00000	+(4.3670	+ 0.7153	= 5.0823	= 6.76250
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	+ per contract	+ 0.7153		
	Customer Charge	EWRSurcharge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	38.91		0.7733	0.6233	0.00000			
TR-2	2,250.00	211.34		0.4811	0.3311	0.00000			
TR-3	3,050.00	918.93		0.4643	0.3143	0.00000			
Note 1: Effective for bills rendered on and after March 1, 2022 Issued Under Authority of the Michigan Public Service Commission Order Dated Feb.10, 2020 In Case No: U-20882. GS customers switched to a daily calculation. Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 3: All TCJA has been canceled with filing of new rates per U-20718 Customer Attachment Program surcharges are in addition to rates above Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

April 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge
			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)			
							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Sales										
Residential Service		12.25	0.30	0.30	0.04473	0.22451	+(-0.41050	+ 0.99750	= 0.58700	): 0.85624
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others	+ Balancing and Demand Charge		
							+ per contract	+ 0.99750		

OTHER MICHIGAN-PSC REGULATED

April 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.62542	= 0.7190
Seasonal	10.00	0.09664	+ -0.00310	0.62542	= 0.7190
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	6.2542	= 7.0746
Small Seasonal	18.32	0.8514	+ -0.03100	6.2542	= 7.0746
Large	95.65	0.6214	+ -0.03100	6.2542	= 6.8446
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.55957	= 0.7794
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	5.5957	= 7.1320
Firm (304)	476.66	1.7500	+ -0.1240	5.5957	= 7.2217
Interruptible (303)	145.79	0.6400	+ -0.1240	5.5957	= 6.1117
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	4.1573	4.1573	/Mcf U-20814
DTE Gas Company	Increase	2.9600	2.9600	/Mcf U-20816
Michigan Gas Utilities Corp	Increase	5.0073	5.0073	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	5.6071	5.6071	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	6.5939	6.5939	/Dth U-20812
Xcel Energy	Unchanged	7.0787	7.0787	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946	4.1573				/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053	4.1573				/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300	2.9600				/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300	2.9600				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350	5.0073				/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350	5.0073				/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088	5.6071				/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071	5.6071				/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969	6.5939				/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946	6.5939				/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787	7.0787				/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787	7.0787				/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20541 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20543- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20545- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20551 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20547 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.44722	+ 0.41573	= 0.86295	\$98.90	4%
DTE Gas Company	13.94	0.46290	+ 0.29600	= 0.75890	\$89.83	-5%
Michigan Gas Utilities Corp	13.00	0.38200	+ 0.50073	= 0.88273	\$101.27	7%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26924	+ 0.56071	= 0.82995	\$95.85	1%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.65939	= 0.75293	\$80.29	-15%
Xcel Energy	11.00	0.21978	+ 0.70787	= 0.92765	\$103.77	9%
AVERAGE RATE	11.40	0.31245	+ 0.52341	= 0.62689	\$94.98	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.02709	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.02709	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.02709		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.4795	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.4795	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.4795	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0153	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.4795		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0153		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.4795		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0153		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.4795		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0153		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										March 1, 2022
	Customer Charge See note 4	IRM Surcharge See note 1	RDM Surcharge See note 6	EWR Surcharge See note 2	Distribution Charge (volumetric charges in \$/Ccf)	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04200	0.00000	From Utility
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.0554	+	0.38859	+	0.04200	0.00000	0.29600 = 0.75890
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04200	0.00000	0.29600 = 0.78199
Customer Choice										
alternative suppliers	(see above)				(see above)	+	0.04200	(see above)		From Others
										per contract
COMMERCIAL & INDUSTRIAL SERVICE										
Sales										
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.42000	0.0000	From Utility
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.42000	0.0000	2.9600 = 7.7947
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.42000	0.0000	2.9600 = 7.1324
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.42000	0.0000	2.9600 = 6.6237
Customer Choice										
alternative suppliers	(see above)				(see above)			(see above)		From Others
										per contract
Transportation										
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract
Rate XXL T (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract
EUT Exploratory Program				0.0226						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	\$10/MMBtu									
Load Balancing Storage Charge	47.00					.0470/cubic foot				
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.										
Note 2: EWR Effective for a period commencing on February 1, 2022 and ending December 31, 2023										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2021 thru last bill cycle March 2022										
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round										
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Note 6: RDM expired as of December 2021 per U-20966										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference:	see	Rate Books	for more details							

SEMCO ENERGY GAS COMPANY

March 1, 2022

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)			
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.30	0.30	0.04473	0.22451	+(-0.48759	+ 1.04830	= 0.56071	): 0.82995
Customer Choice-Residential							From Others	Balancing and Demand Charge		
alternative suppliers		12.25				0.22451	+ per contract	+ 1.04830		
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)			
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	15.00	0.76	0.75	2.999	1.9556	+(-4.87590	+ 10.4830	+ 5.6071	): 10.56170
	(>9 Dth)				0.0001	1.9556	-4.87590	10.4830	5.6071	7.56280
General Service (GS-2)	(0-9 Dth)	38.80	3.95	3.91	2.999	1.5226	+(-4.87590	+ 10.4830	+ 5.6071	): 10.12870
	(>9 Dth)				0.0001	1.5226	-4.87590	10.4830	5.6071	7.12980
General Service (GS-3)	(0-9 Dth)	116.20	23.79	23.57	2.999	1.1966	+(-4.87590	+ 10.4830	+ 5.6071	): 9.80270
	(>9 Dth)				0.0001	1.1966	-4.87590	10.4830	5.6071	6.80380
Customer Choice-Comm. & Industrial							Distribution Charge	From Others	Balancing and Demand Charge	
alternative suppliers	(see above)				(see above)		+ per contract	+ 10.48300		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge \$/Dth	Remote Meter Charge (\$/month)		From Others	Distribution Charge	Firm Balancing Charge
TR-1	(0-2500 Dth)	350.00	69.44	68.79	0.27640	75.00			\$/Dth	\$/Dth
	(>2500 Dth)				0.0001		per contract	1.0334		0.0344
TR-2	(0-2500 Dth)	1,089.15	350.79	347.49	0.27640	75.00			1.0334	0.0344
	(>2500 Dth)				0.0001		per contract	0.8563		0.0344
TR-3	(0-2500 Dth)	10,831.50	1753.19	1736.71	0.27640	75.00			0.8563	0.0344
	(>2500 Dth)				0.0001		per contract	0.4669		0.0344
								0.4669		0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.										
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.										
Note 3: Effective for bills rendered on and after January 1, 2022 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com		surcharges are in addition to rates above								
Rates Reference: see		Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

March 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.65939	= 0.7529
Seasonal	10.00	0.09664	+ -0.00310	0.65939	= 0.7529
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	6.5939	= 7.4143
Small Seasonal	18.32	0.8514	+ -0.03100	6.5939	= 7.4143
Large	95.65	0.6214	+ -0.03100	6.5939	= 7.1843
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.70787	= 0.9277
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	7.0787	= 8.6150
Firm (304)	476.66	1.7500	+ -0.1240	7.0787	= 8.7047
Interruptible (303)	145.79	0.6400	+ -0.1240	7.0787	= 7.5947
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2022

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.6946	3.9053	/Mcf U-20814
DTE Gas Company	Unchanged	2.8300	2.8300	/Mcf U-20816
Michigan Gas Utilities Corp	Unchanged	4.7350	4.7350	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	5.5088	5.6071	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	5.6969	5.9946	/Dth U-20812
Xcel Energy	Unchanged	7.0787	7.0787	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2022

Calendar Year of GCR Factors

	Jan-22 \$/unit	Feb-22 \$/unit	Mar-22 \$/unit	Apr-22 \$/unit	May-22 \$/unit	Jun-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6946	3.6946					/Mcf
-U-20814 - As Filed or as Ordered	3.9053	3.9053					/Mcf
DTE Gas Company							
- As Currently Billed	2.8300	2.8300					/Mcf
-U-20816- As Filed or As Ordered	2.8300	2.8300					/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350	4.7350					/Mcf
-U-20818- As Filed or as Ordered	4.7350	4.7350					/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500	5.5088					/Dth
-U-20822 - As Filed or as Ordered	5.6071	5.6071					/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946	5.6969					/Dth
-U-20812 - As Filed or as Ordered	5.9946	5.9946					/Dth
Xcel Energy							
- As Currently Billed	7.0787	7.0787					/Dth
-U-20820 - As Filed or as Ordered	7.0787	7.0787					/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2022

Calendar Year of GCR Factors

	Jul-22 \$/unit	Aug-22 \$/unit	Sep-22 \$/unit	Oct-22 \$/unit	Nov-22 \$/unit	Dec-22 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20541 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20543- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20545- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20551 - As Filed or as Ordered							/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20547 - As Filed or as Ordered							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	12.60	0.44722	+ 0.36946	= 0.81668	\$94.27	5%
DTE Gas Company	13.94	0.46290	+ 0.28300	= 0.74590	\$88.53	-1%
Michigan Gas Utilities Corp	13.00	0.24617	+ 0.47350	= 0.71967	\$84.97	-5%
Presque Isle E. & G. Coop.						(Rates set by local government regulation, not by the MPSC)
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26924	+ 0.55088	= 0.82012	\$94.86	6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.56969	= 0.66323	\$71.32	-20%
Xcel Energy	11.00	0.21978	+ 0.70787	= 0.92765	\$103.77	16%
AVERAGE RATE	11.40	0.28981	+ 0.49240	= 0.58666	\$89.62	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2022

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.02709	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.02709	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.02709		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.4795	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.4795	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.4795	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0153	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.4795		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0153		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.4795		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0153		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.4795		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0153		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										February 1, 2022	
	Customer Charge See note 4	IRM Surcharge See note 1	RDM Surcharge See note 6	EWR Surcharge See note 2	Distribution Charge	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge		
	(\$/month)				(volumetric charges in \$/Ccf)						
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	13.50	0.63	0.00	0.03231	+	0.38859	+	0.04200	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	13.50	4.06	+	0.00	0.0554	+	0.38859	+	0.04200	0.00000	0.28300 = 0.74590
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.0554	+	0.38859	+	0.04200	0.00000	0.28300 = 0.76899	
Customer Choice											
alternative suppliers	(see above)				(see above)	+	0.04200	(see above)		From Others	
										per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)				(volumetric charges in \$/Mcf metered)						
Sales											
Rate GS-1	40.00	2.91	0.00	0.554	+	3.8607	+	0.42000	0.0000	From Utility	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.554	+	3.1984	+	0.42000	0.0000	2.8300 = 7.6647	
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0453	+	3.1984	+	0.42000	0.0000	2.8300 = 7.0024	
Rate S	225.00	38.60	0.00	0.554	+	2.7736	+	0.42000	0.0000	2.8300 = 6.4937	
Customer Choice											
alternative suppliers	(see above)				(see above)			(see above)		From Others	
										per contract	
Transportation											
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0453		1.4906		0.0000		From Others	
Maximum (optional)	2,780.00	146.55	0.00	0.0453		2.7512		0.0000		per contract	
Minimum (optional)	2,780.00	146.55	0.00	0.0453		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0453		0.9427		0.0000		per contract	
Maximum (optional)	6,780.00	712.40	0.00	0.0453		1.6554		0.0000		per contract	
Minimum (optional)	6,780.00	712.40	0.00	0.0453		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0453		0.7060		0.0000		per contract	
Maximum (optional)	17,250.00	4,046.38	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	17,250.00	4,046.38	0.00	0.0453		0.1800		0.0000		per contract	
Rate XXLT (cost based rate)	169,835.00	998.54	0.00	0.0453		0.1933		0.0000		per contract	
Maximum (optional)	169,835.00	998.54	0.00	0.0453		1.2321		0.0000		per contract	
Minimum (optional)	169,835.00	998.54	0.00	0.0453		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0226							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	\$10/MMBtu										
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.											
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2022											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-20816 for bills effective 1st bill cycle April 2021 thru last bill cycle March 2022											
Note 4: Selected low Income customers on Rates A & AS receive a \$13.50 RIA credit or \$30.00 LIA credit per month year round											
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM expired as of December 2021 per U-20966											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books								for more details	

MICHIGAN GAS UTILITIES CORP.									
February 1, 2022									
	Customer Charge	EWB Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3				
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)			
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00602	0.22478	0.00000	+(0.40023	+ 0.07327	= 0.47350	)= 0.71967
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		0.00000	+ per contract	+ 0.07327		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.50	0.06020	1.62000	0.00000	+(4.0023	+ 0.7327	= 4.7350	)= 6.41520
Medium General Service	50.00		0.06020	1.56550	0.00000	+(4.0023	+ 0.7327	= 4.7350	)= 7.36070
Large General Service	425.00	154.26	0.06020	1.02490	0.00000	+(4.0023	+ 0.7327	= 4.7350	)= 5.82010
GasLight Rate-Commercial		3.02	0.06020	1.62000	0.00000	+(4.0023	+ 0.7327	= 4.7350	)= 6.41520
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	+ per contract	+ 0.7327		
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	41.33		0.7733	0.6233	0.00000			
TR-2	2,250.00	154.78		0.4811	0.3311	0.00000			
TR-3	3,050.00	1013.65		0.4643	0.3143	0.00000			

Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.

Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: All TCJA has been canceled with filing of new rates per U-20718

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

February 1, 2022

		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge		Total Charge
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)	
Sales							<div>Gas Costs From Utility</div> <div>Balancing and Demand Charge</div> <div>GCR Factor</div>	
Residential Service		12.25	0.30	0.30	0.04473	0.22451	+ (0.45588 + 0.09500 = 0.55088)	0.82012
<u>Customer Choice-Residential alternative suppliers</u>		12.25				0.22451	+ per contract + 0.09500	
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)	
Sales			(\$/month)				<div>Gas Costs From Utility</div> <div>Balancing and Demand Charge</div> <div>GCR Factor</div>	
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.999	1.9556	+ (4.55880 + 0.9500 + 5.5088)	10.46340
	(>9 Dth)				0.0001	1.9556	4.55880 + 0.9500 + 5.5088	7.46450
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.999	1.5226	+ (4.55880 + 0.9500 + 5.5088)	10.03040
	(>9 Dth)				0.0001	1.5226	4.55880 + 0.9500 + 5.5088	7.03150
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.999	1.1966	+ (4.55880 + 0.9500 + 5.5088)	9.70440
	(>9 Dth)				0.0001	1.1966	4.55880 + 0.9500 + 5.5088	6.70550
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)		Distribution Charge From Others Balancing and Demand Charge + per contract + 0.95000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Firm Balancing Charge
TR-1	(0-2500 Dth)	350.00	69.44	68.79	0.27640	75.00	per contract \$/Dth 1.0334	0.0344
	(>2500 Dth)				0.0001		1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	350.79	347.49	0.27640	75.00	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	1753.19	1736.71	0.27640	75.00	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.4669	0.0344
OTHER								
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.							
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.								
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.								
Note 3: Effective for bills rendered on and after January 1, 2022 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.								
Rates at semcoenergy.com								
Customer Attachment Program								
Understanding your bill at semcoenergygas.com								
surcharges are in addition to rates above								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

February 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.56969	= 0.6632
Seasonal	10.00	0.09664	+ -0.00310	0.56969	= 0.6632
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	5.6969	= 6.5173
Small Seasonal	18.32	0.8514	+ -0.03100	5.6969	= 6.5173
Large	95.65	0.6214	+ -0.03100	5.6969	= 6.2873
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.70787	= 0.9277
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	7.0787	= 8.6150
Firm (304)	476.66	1.7500	+ -0.1240	7.0787	= 8.7047
Interruptible (303)	145.79	0.6400	+ -0.1240	7.0787	= 7.5947
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 2: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2022

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.6867	3.9053	/Mcf U-20814
DTE Gas Company	Decrease	2.8300	2.8300	/Mcf U-20816
Michigan Gas Utilities Corp	Decrease	4.7350	4.7350	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	5.3500	5.6071	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	5.9946	5.9946	/Dth U-20812
Xcel Energy	Decrease	7.0787	7.0787	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2022

Calendar Year of GCR Factors

	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.6867						/Mcf
-U-20814 - As Filed or as Ordered	3.9053						/Mcf
DTE Gas Company							
- As Currently Billed	2.8300						/Mcf
-U-20816- As Filed or As Ordered	2.8300						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7350						/Mcf
-U-20818- As Filed or as Ordered	4.7350						/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	5.3500						/Dth
-U-20822 - As Filed or as Ordered	5.6071						/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	5.9946						/Dth
-U-20812 - As Filed or as Ordered	5.9946						/Dth
Xcel Energy							
- As Currently Billed	7.0787						/Dth
-U-20820 - As Filed or as Ordered	7.0787						/Dth

GAS COST RECOVERY FACTOR HISTORY

January 1, 2022

Calendar Year of GCR Factors

	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2022

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	12.60	0.44722	+ 0.36867	= 0.81589	\$94.19	5%
DTE Gas Company	13.94	0.46024	+ 0.28300	= 0.74324	\$88.26	-2%
Michigan Gas Utilities Corp	13.00	0.24617	+ 0.47350	= 0.71967	\$84.97	-5%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.85	0.26924	+ 0.53500	= 0.80424	\$93.27	4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.59946	= 0.69300	\$74.30	-17%
Xcel Energy	11.00	0.21978	+ 0.70787	= 0.92765	\$103.77	16%
AVERAGE RATE	11.40	0.28937	+ 0.49458	= 0.58796	\$89.79	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2022

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02709	+	0.42013		0.00		From Utility	0.36867	= 0.81589
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02709	+	0.42013		0.00		0.36867	=	0.81589
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		0.00				0.02709		0.42013		(see above)		From Others		
per contract															
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
			(\$/month)								(volumetric charges in \$/Mcf)				
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4795	+	3.62550		0.00		From Utility	3.6867	= 7.7917
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4795	+	2.70600		0.00		3.6867	=	6.8722
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4795	+	2.53440		0.00		3.6867	=	6.7006
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0153	+	2.53440		0.00		3.6867	=	6.2364
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others		
per contract															
Transportation															
													From Others <th></th> <th></th>		
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4795		1.2162		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0153		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4795		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0153		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4795		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0153		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2022 billing month. Per U-20865. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									January 1, 2022
	Customer Charge See note 4	IRM Surcharge See note 1	RDM Surcharge See note 6	EWR Surcharge See note 2	Distribution Charge (volumetric charges in \$/Ccf)	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A	13.50	0.63	0.00	0.02965	0.38859	0.04200	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	13.50	4.06	0.00	0.02632	0.38859	0.04200	0.00000	0.28300	= 0.73991
Residential Multi Family Rate 2A Class 2	40.00	4.06	0.00	0.02632	0.38859	0.04200	0.00000	0.28300	= 0.73991
Customer Choice									
alternative suppliers	(see above)				(see above)	0.04200	(see above)	From Others	
								per contract	
COMMERCIAL & INDUSTRIAL SERVICE									
Sales									
Rate GS-1	40.00	2.91	0.00	0.2632	3.8607	0.42000	0.0000	From Utility	
Rate GS-2 (<100,000 Mcf)	750.00	2.91	0.00	0.2632	3.1984	0.42000	0.0000	2.8300	= 7.3739
Rate GS-2 (>100,000 Mcf)	750.00	2.91	0.00	0.0265	3.1984	0.42000	0.0000	2.8300	= 6.7116
Rate S	225.00	38.60	0.00	0.2632	2.7736	0.42000	0.0000	2.8300	= 6.4749
Customer Choice									
alternative suppliers	(see above)				(see above)		(see above)	From Others	
								per contract	
Transportation									
Rate ST (cost based rate)	2,780.00	146.55	0.00	0.0265	1.4906		0.0000	From Others	
Maximum (optional)	2,780.00	146.55	0.00	0.0265	2.7512		0.0000	per contract	
Minimum (optional)	2,780.00	146.55	0.00	0.0265	0.2300		0.0000	per contract	
Rate LT (cost based rate)	6,780.00	712.40	0.00	0.0265	0.9427		0.0000	per contract	
Maximum (optional)	6,780.00	712.40	0.00	0.0265	1.6554		0.0000	per contract	
Minimum (optional)	6,780.00	712.40	0.00	0.0265	0.2300		0.0000	per contract	
Rate XLT (cost based rate)	17,250.00	4,046.38	0.00	0.0265	0.7060		0.0000	per contract	
Maximum (optional)	17,250.00	4,046.38	0.00	0.0265	1.2321		0.0000	per contract	
Minimum (optional)	17,250.00	4,046.38	0.00	0.0265	0.1800		0.0000	per contract	
Rate XXL T (cost based rate)	169,835.00	998.54	0.00	0.0265	0.1933		0.0000	per contract	
Maximum (optional)	169,835.00	998.54	0.00	0.0265	1.2321		0.0000	per contract	
Minimum (optional)	169,835.00	998.54	0.00	0.0265	0.0500		0.0000	per contract	
EUT Exploratory Program				0.0162					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	\$10/MMBtu								
Load Balancing Storage Charge	47.00				.0470/cubic foot				
Note 1: Effective January 2022, customers pay the IRM surcharge per U-20940. Changes each January 1st.									
Note 2: EWR Effective for a period commencing on January 1, 2022 and ending December 31, 2022									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Note 6: RDM expired as of December 2021 per U-20966									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books	for more details						

MICHIGAN GAS UTILITIES CORP.									
January 1, 2022									
	Customer Charge	EWB Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				
		see note 1	see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00602	0.22478	0.00000	+	0.40023	+	0.07327
Customer Choice-Residential									
alternative suppliers	(see above)	(see above)	N/A		0.00000	+	From Others	+	Reservation Charge
							per contract	+	0.07327
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.50	0.06020	1.62000	0.00000	+	4.0023	+	0.7327
Medium General Service	50.00		0.06020	1.56550	0.00000	+	4.0023	+	0.7327
Large General Service	425.00	154.26	0.06020	1.02490	0.00000	+	4.0023	+	0.7327
GasLight Rate-Commercial		3.02	0.06020	1.62000	0.00000	+	4.0023	+	0.7327
Customer Choice-Comm. & Ind.									
alternative suppliers	(see above)	(see above)			(see above)	+	From Others	+	Reservation Charge
							per contract	+	0.7327
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	41.33		0.7733	0.6233	0.00000			
TR-2	2,250.00	154.78		0.4811	0.3311	0.00000			
TR-3	3,050.00	1013.65		0.4643	0.3143	0.00000			

Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.

Note 2: GSA Effective for service rendered on and after January 1, 2022. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: All TCJA has been canceled with filing of new rates per U-20718

Customer Attachment Program surcharges are in addition to rates above

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rate Books

SEMCO ENERGY GAS COMPANY										January 1, 2022	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.30	0.30	0.04473	0.22451	+(0.44000	+ 0.09500	= 0.53500	) 0.80424
Customer Choice-Residential alternative suppliers		12.25				0.22451	From Others	Balancing and Demand Charge			
							+ per contract	+ 0.09500			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	0.76	0.75	2.999	1.9556	+(4.40000	+ 0.9500	+ 5.3500	) 10.30460
	(>9 Dth)				0.0001	1.9556	4.40000	0.9500	5.3500	7.30570	
General Service (GS-2) (0-9 Dth)		38.80	3.95	3.91	2.999	1.5226	+(4.40000	+ 0.9500	+ 5.3500	) 9.87160
	(>9 Dth)				0.0001	1.5226	4.40000	0.9500	5.3500	6.87270	
General Service (GS-3) (0-9 Dth)		116.20	23.79	23.57	2.999	1.1966	+(4.40000	+ 0.9500	+ 5.3500	) 9.54560
	(>9 Dth)				0.0001	1.1966	4.40000	0.9500	5.3500	6.54670	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)		Distribution Charge	From Others	Balancing and Demand Charge		
							+ per contract	+ 0.95000			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)		
TR-1 (0-2500 Dth)		350.00	69.44	68.79	0.27640	75.00	per contract	1.0334	0.0344		
	(>2500 Dth)				0.0001			1.0334	0.0344		
TR-2 (0-2500 Dth)		1,089.15	350.79	347.49	0.27640	75.00	per contract	0.8563	0.0344		
	(>2500 Dth)				0.0001			0.8563	0.0344		
TR-3 (0-2500 Dth)		10,831.50	1753.19	1736.71	0.27640	75.00	per contract	0.4669	0.0344		
	(>2500 Dth)				0.0001			0.4669	0.0344		
OTHER											
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.											
Note 2: New MRP will be effective on and after January 2022; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2022 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
surcharges are in addition to rates above											
Rates Reference: see Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

January 1, 2022

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.59946	= 0.6930
Seasonal	10.00	0.09664	+ -0.00310	0.59946	= 0.6930
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	5.9946	= 6.8150
Small Seasonal	18.32	0.8514	+ -0.03100	5.9946	= 6.8150
Large	95.65	0.6214	+ -0.03100	5.9946	= 6.5850
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.70787	= 0.9277
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	7.0787	= 8.6150
Firm (304)	476.66	1.7500	+ -0.1240	7.0787	= 8.7047
Interruptible (303)	145.79	0.6400	+ -0.1240	7.0787	= 7.5947
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2021

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	4.1993	4.1993 /Mcf	U-20814
DTE Gas Company	Unchanged	2.9100	2.9100 /Mcf	U-20816
Michigan Gas Utilities Corp	Decrease	5.0980	5.0980 /Mcf	U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	5.6071	5.6071 /Dth	U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	6.4176	6.4176 /Dth	U-20812
Xcel Energy	Unchanged	7.6478	7.6478 /Dth	U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

December 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0093	3.3173	3.5676	3.8295	4.2833	4.1993	/Mcf
-U-20541 - As Filed or as Ordered	3.0233	3.3173	3.5693	3.8633	4.2833	4.1993	/Mcf
DTE Gas Company							
- As Currently Billed	2.5300	2.6700	2.7500	2.8000	2.9100	2.9100	/Mcf
-U-20543- As Filed or As Ordered	2.5300	2.6700	2.7500	2.8000	2.9100	2.9100	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8275	3.8275	3.8275	4.3275	5.1888	5.0980	/Mcf
-U-20545- As Filed or as Ordered	3.8275	3.8275	3.8275	4.6896	5.1888	5.0980	/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	4.1085	4.4585	4.7585	5.2063	5.7563	5.6071	/Dth
-U-20551 - As Filed or as Ordered	4.1085	4.4585	4.7585	5.2106	5.7606	5.6071	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4098	3.5521	3.6233	3.6945	3.6945	6.4176	/Dth
-U-20539 - As Filed or As Ordered	3.4098	3.5521	3.6233	3.6945	3.6945	6.4176	/Dth
Xcel Energy							
- As Currently Billed	6.6993	6.6993	6.6993	7.6478	7.6478	7.6478	/Dth
-U-20547 - As Filed or as Ordered	6.6993	6.6993	6.6993	7.6478	7.6478	7.6478	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.60	0.44579	+ 0.41993	= 0.86572	\$99.17	8%
DTE Gas Company	12.69	0.43944	+ 0.29100	= 0.73044	\$85.73	-6%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.50980	= 0.67357	\$80.36	-12%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26924	+ 0.56071	= 0.82995	\$95.44	4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.64176	= 0.73530	\$78.53	-14%
Xcel Energy	11.00	0.21978	+ 0.76478	= 0.98456	\$109.46	20%
AVERAGE RATE	11.12	0.27193	+ 0.53133	= 0.60244	\$91.45	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2021

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.02566	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.02566	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.02566		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.4577	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.4577	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.4577	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0146	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.4577		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0033		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.4577		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0033		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.4577		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0033		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										December 1, 2021	
	Customer Charge See note 4	IRM Surcharge See note 1	RDM Surcharge See note 6	EWR Surcharge See note 2		Distribution Charge (volumetric charges in \$/Ccf)	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	12.25	0.63	0.00	0.02814	+	0.36930	+	0.04200	0.00000	From Utility 0.29100 = 0.73044	
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.00	0.02512	+	0.36930	+	0.04200	0.00000	0.29100 = 0.72742	
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.00	0.02512	+	0.36930	+	0.04200	0.00000	0.29100 = 0.72742	
Customer Choice											
alternative suppliers	(see above)					(see above)	+	0.04200	(see above)	From Others per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
Sales											
Rate GS-1	32.00	2.99	0.00	0.2512	+	3.4909	+	0.42000	0.0000	From Utility 2.9100 = 7.0721	
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.00	0.2512	+	2.9183	+	0.42000	0.0000	2.9100 = 6.4995	
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.00	0.0221	+	2.9183	+	0.42000	0.0000	2.9100 = 6.2704	
Rate S	200.00	41.58	0.00	0.2512	+	2.2720	+	0.42000	0.0000	2.9100 = 5.8532	
Customer Choice											
alternative suppliers	(see above)					(see above)			(see above)	From Others per contract	
Transportation											
Rate ST (cost based rate)	2,600.00	151.86	0.00	0.0221		1.2902		0.0000		From Others per contract	
Maximum (optional)	2,600.00	151.86	0.00	0.0221		2.3504		0.0000		per contract	
Minimum (optional)	2,600.00	151.86	0.00	0.0221		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.00	0.0221		0.7637		0.0000		per contract	
Maximum (optional)	6,500.00	715.61	0.00	0.0221		1.2974		0.0000		per contract	
Minimum (optional)	6,500.00	715.61	0.00	0.0221		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.00	0.0221		0.5777		0.0000		per contract	
Maximum (optional)	14,000.00	4,225.20	0.00	0.0221		0.9754		0.0000		per contract	
Minimum (optional)	14,000.00	4,225.20	0.00	0.0221		0.1800		0.0000		per contract	
Rate XXL T (cost based rate)	145,000.00	941.49	0.00	0.0221		0.1401		0.0000		per contract	
Maximum (optional)	145,000.00	941.49	0.00	0.0221		0.9754		0.0000		per contract	
Minimum (optional)	145,000.00	941.49	0.00	0.0221		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0118							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	1.00 min*					*see E-17.01					
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.											
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round											
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: RDM expired as of December 2021 per U-20966											
Rates at utilities.dteenergy.com (PDF version) Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

SEMCO ENERGY GAS COMPANY

December 1, 2021

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge		Total Charge
			see note 3 (\$/month)	see note 2	see note 1			
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)	
Sales							<div>Gas Costs From Utility</div> <div>Balancing and Demand Charge</div> <div>GCR Factor</div>	
Residential Service		12.25	0.10	0.09	0.04473	0.22451	+(0.45588 + 0.10483 = 0.56071)	0.82995
<u>Customer Choice-Residential alternative suppliers</u>		12.25				0.22451	+ From Others per contract + 0.10483	
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)	
Sales			(\$/month)				<div>Gas Costs From Utility</div> <div>Balancing and Demand Charge</div> <div>GCR Factor</div>	
General Service (GS-1)	(0-9 Dth)	15.00	0.25	0.22	2.999	1.9556	+(4.55880 + 1.0483 + 5.6071)	10.56170
	(>9 Dth)				0.0001	1.9556	4.55880 1.0483 5.6071	7.56280
General Service (GS-2)	(0-9 Dth)	38.80	1.33	1.12	2.999	1.5226	+(4.55880 + 1.0483 + 5.6071)	10.12870
	(>9 Dth)				0.0001	1.5226	4.55880 1.0483 5.6071	7.12980
General Service (GS-3)	(0-9 Dth)	116.20	8.00	6.77	2.999	1.1966	+(4.55880 + 1.0483 + 5.6071)	9.80270
	(>9 Dth)				0.0001	1.1966	4.55880 1.0483 5.6071	6.80380
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)		Distribution Charge From Others per contract + 1.04830	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Firm Balancing Charge
TR-1	(0-2500 Dth)	350.00	23.35	19.77	0.27640	75.00	per contract \$/Dth 1.0334	0.0344
	(>2500 Dth)				0.0001		1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	117.98	99.85	0.27640	75.00	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	589.65	499.05	0.27640	75.00	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.4669	0.0344
OTHER								
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.							
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.								
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.								
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.								
Rates at semcoenergy.com		surcharges are in addition to rates above						
Customer Attachment Program								
Understanding your bill at semcoenergygas.com								
Rates Reference: see		Rate Books for more details						

OTHER MICHIGAN-PSC REGULATED

December 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.64176	= 0.7353
Seasonal	10.00	0.09664	+ -0.00310	0.64176	= 0.7353
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	6.4176	= 7.2380
Small Seasonal	18.32	0.8514	+ -0.03100	6.4176	= 7.2380
Large	95.65	0.6214	+ -0.03100	6.4176	= 7.0080
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.76478	= 0.9846
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	7.6478	= 9.1841
Firm (304)	476.66	1.7500	+ -0.1240	7.6478	= 9.2738
Interruptible (303)	145.79	0.6400	+ -0.1240	7.6478	= 8.1638
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 2: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2021

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	4.2833	4.2833 /Mcf	U-20814
DTE Gas Company	Increase	2.9100	2.9100 /Mcf	U-20816
Michigan Gas Utilities Corp	Increase	5.1888	5.1888 /Mcf	U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	5.7563	5.7606 /Dth	U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.6945	3.6945 /Dth	U-20812
Xcel Energy	Unchanged	7.6478	7.6478 /Dth	U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0093	3.3173	3.5676	3.8295	4.2833		/Mcf
-U-20541 - As Filed or as Ordered	3.0233	3.3173	3.5693	3.8633	4.2833		/Mcf
DTE Gas Company							
- As Currently Billed	2.5300	2.6700	2.7500	2.8000	2.9100		/Mcf
-U-20543- As Filed or As Ordered	2.5300	2.6700	2.7500	2.8000	2.9100		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8275	3.8275	3.8275	4.3275	5.1888		/Mcf
-U-20545- As Filed or as Ordered	3.8275	3.8275	3.8275	4.6896	5.1888		/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	4.1085	4.4585	4.7585	5.2063	5.7563		/Dth
-U-20551 - As Filed or as Ordered	4.1085	4.4585	4.7585	5.2106	5.7606		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4098	3.5521	3.6233	3.6945	3.6945		/Dth
-U-20539 - As Filed or As Ordered	3.4098	3.5521	3.6233	3.6945	3.6945		/Dth
Xcel Energy							
- As Currently Billed	6.6993	6.6993	6.6993	7.6478	7.6478		/Dth
-U-20547 - As Filed or as Ordered	6.6993	6.6993	6.6993	7.6478	7.6478		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.44579	+ 0.42833	= 0.87412	\$100.01	15%
DTE Gas Company	12.69	0.43944	+ 0.29100	= 0.73044	\$84.59	-3%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.51888	= 0.68265	\$81.27	-7%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26924	+ 0.57563	= 0.84487	\$96.93	11%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.36945	= 0.46299	\$51.30	-41%
Xcel Energy	11.00	0.21978	+ 0.76478	= 0.98456	\$109.46	25%
AVERAGE RATE	11.12	0.27193	+ 0.49135	= 0.57245	\$87.26	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2021

	Customer Charge	IRM Surcharge see note 4 (\$/month)	RDM Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	TCJA Surcharge see note 6	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	12.60	+	0.00	+	0.02566	+	0.42013	0.00
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.02566	+	0.42013	0.00
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	12.60		0.00		0.02566		0.42013	(see above)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	15.00		0.00	+	0.4577	+	3.62550	0.00
General Service - Rate GS-2	91.63		0.00	+	0.4577	+	2.70600	0.00
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00	+	0.4577	+	2.53440	0.00
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00	+	0.0146	+	2.53440	0.00
Customer Choice								
alternative suppliers	(see above)	(see above)			(see above)	(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.4577		1.2162	0.00
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.0033		1.2162	0.00
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.4577		1.1330	0.00
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.0033		1.1330	0.00
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.4577		0.7900	0.00
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.0033		0.4375	0.00
XLT/XXLT Remote Meter Charge	70.00		0.00				0.0000	0.0000
OTHER Sheet D-14.00								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	5.00						includes gas	0.00
2.6 to 4.5 CF/Hr	9.00						includes gas	0.00

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 4: New rates effective on and after October 1, 2020 per U-20650

Note 5: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - **REMOVED**

Note 6: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - **REMOVED**

Note 7: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										November 1, 2021	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge		
	See note 4	See note 1	See note 6	See note 2	See note 3	See note 5					
	(\$/month)				(volumetric charges in \$/Ccf)						
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A	12.25	0.63	-1.14	0.02814	+	0.36930	+	0.04200	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	12.25	4.11	+	2.97	0.02512	+	0.36930	+	0.04200	0.00000	0.29100 = 0.73044
Residential Multi Family Rate 2A Class 2	32.00	4.11		10.74	0.02512	+	0.36930	+	0.04200	0.00000	0.29100 = 0.72742
Customer Choice											
alternative suppliers	(see above)				(see above)	+	0.04200	(see above)		From Others	
										per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)				(volumetric charges in \$/Mcf metered)						
Sales											
Rate GS-1	32.00	2.99	-0.73	0.2512	+	3.4909	+	0.42000	0.0000	From Utility	
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.00	0.2512	+	2.9183	+	0.42000	0.0000	2.9100 = 7.0721	
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.00	0.0221	+	2.9183	+	0.42000	0.0000	2.9100 = 6.4995	
Rate S	200.00	41.58	-10.81	0.2512	+	2.2720	+	0.42000	0.0000	2.9100 = 6.2704	
Customer Choice											
alternative suppliers	(see above)				(see above)			(see above)		From Others	
										per contract	
Transportation											
Rate ST (cost based rate)	2,600.00	151.86	0.00	0.0221		1.2902		0.0000		From Others	
Maximum (optional)	2,600.00	151.86	0.00	0.0221		2.3504		0.0000		per contract	
Minimum (optional)	2,600.00	151.86	0.00	0.0221		0.2300		0.0000		per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.00	0.0221		0.7637		0.0000		per contract	
Maximum (optional)	6,500.00	715.61	0.00	0.0221		1.2974		0.0000		per contract	
Minimum (optional)	6,500.00	715.61	0.00	0.0221		0.2300		0.0000		per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.00	0.0221		0.5777		0.0000		per contract	
Maximum (optional)	14,000.00	4,225.20	0.00	0.0221		0.9754		0.0000		per contract	
Minimum (optional)	14,000.00	4,225.20	0.00	0.0221		0.1800		0.0000		per contract	
Rate XXL T (cost based rate)	145,000.00	941.49	0.00	0.0221		0.1401		0.0000		per contract	
Maximum (optional)	145,000.00	941.49	0.00	0.0221		0.9754		0.0000		per contract	
Minimum (optional)	145,000.00	941.49	0.00	0.0221		0.0500		0.0000		per contract	
EUT Exploratory Program				0.0118							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	1.00 min*					*see E-17.01					
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.											
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round											
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: Implemented on a bills redere basis and is effective September 2021 through November 2021 for rates A, 2A I & II, GS-1 and S, per U-20966											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.									
November 1, 2021									
	Customer Charge	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				
		see note 1	see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+	0.44561	+	0.07327
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+	0.44561	+	0.07327
									= 0.51888
Customer Choice-Residential						From Others	Reservation Charge		
alternative supplies	(see above)	(see above)	N/A		-0.01757	+	per contract	+	0.07327
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+	4.4561	+	0.7327
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+	4.4561	+	0.7327
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+	4.4561	+	0.7327
									= 5.1888
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative supplies	(see above)	(see above)			(see above)	+	per contract	+	0.7327
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			

Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.

Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY										November 1, 2021	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.10	0.09	0.04473	0.22451	+(0.47119	+ 0.10444	= 0.57563)	0.84487	
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others	+ Balancing and Demand Charge			
							+ per contract	+ 0.10444			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	2.999	1.9556	+(4.71190	+ 1.0444	+ 5.7563)	10.71090	
					0.0001	1.9556	4.71190	1.0444	5.7563	7.71200	
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	2.999	1.5226	+(4.71190	+ 1.0444	+ 5.7563)	10.27790	
					0.0001	1.5226	4.71190	1.0444	5.7563	7.27900	
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	2.999	1.1966	+(4.71190	+ 1.0444	+ 5.7563)	9.95190	
					0.0001	1.1966	4.71190	1.0444	5.7563	6.95300	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)	Distribution Charge	+ From Others	+ Balancing and Demand Charge			
							+ per contract	+ 1.04440			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)		
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.27640	75.00	per contract	1.0334	0.0344		
					0.0001			1.0334	0.0344		
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.27640	75.00	per contract	0.8563	0.0344		
					0.0001			0.8563	0.0344		
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.27640	75.00	per contract	0.4669	0.0344		
					0.0001			0.4669	0.0344		
OTHER											
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.											
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
surcharges are in addition to rates above											
Rates Reference: see Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

November 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.36945	= 0.4630
Seasonal	10.00	0.09664	+ -0.00310	0.36945	= 0.4630
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.6945	= 4.5149
Small Seasonal	18.32	0.8514	+ -0.03100	3.6945	= 4.5149
Large	95.65	0.6214	+ -0.03100	3.6945	= 4.2849
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.76478	= 0.9846
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	7.6478	= 9.1841
Firm (304)	476.66	1.7500	+ -0.1240	7.6478	= 9.2738
Interruptible (303)	145.79	0.6400	+ -0.1240	7.6478	= 8.1638
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.8295	3.8633	/Mcf U-20814
DTE Gas Company	Increase	2.8000	2.8000	/Mcf U-20816
Michigan Gas Utilities Corp	Increase	4.3275	4.6896	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	5.2063	5.2106	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.6945	3.6945	/Dth U-20812
Xcel Energy	Increase	7.6478	7.6478	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814- As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

October 1, 2021

Calendar Year of GCR Factors

	Jul-21 \$/unit	Aug-21 \$/unit	Sep-21 \$/unit	Oct-21 \$/unit	Nov-21 \$/unit	Dec-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0093	3.3173	3.5676	3.8295			/Mcf
-U-20541 - As Filed or as Ordered	3.0233	3.3173	3.5693	3.8633			/Mcf
DTE Gas Company							
- As Currently Billed	2.5300	2.6700	2.7500	2.8000			/Mcf
-U-20543- As Filed or As Ordered	2.5300	2.6700	2.7500	2.8000			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8275	3.8275	3.8275	4.3275			/Mcf
-U-20545- As Filed or as Ordered	3.8275	3.8275	3.8275	4.6896			/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	4.1085	4.4585	4.7585	5.2063			/Dth
-U-20551 - As Filed or as Ordered	4.1085	4.4585	4.7585	5.2106			/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4098	3.5521	3.6233	3.6945			/Dth
-U-20539 - As Filed or As Ordered	3.4098	3.5521	3.6233	3.6945			/Dth
Xcel Energy							
- As Currently Billed	6.6993	6.6993	6.6993	7.6478			/Dth
-U-20547 - As Filed or as Ordered	6.6993	6.6993	6.6993	7.6478			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.60	0.44579	+ 0.38295	= 0.82874	\$95.47	14%
DTE Gas Company	12.69	0.43944	+ 0.28000	= 0.71944	\$83.49	-1%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.43275	= 0.59652	\$72.65	-13%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26924	+ 0.52063	= 0.78987	\$91.43	9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.36945	= 0.46299	\$51.30	-39%
Xcel Energy	11.00	0.21978	+ 0.76478	= 0.98456	\$109.46	30%
AVERAGE RATE	11.12	0.27193	+ 0.45843	= 0.54777	\$83.97	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY									
October 1, 2021									
	Customer Charge	IRM Surcharge	RDM Surcharge	Energy Efficiency Charge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge	
		see note 4 (\$/month)	see note 5	see note 2	see note 3	see note 6			
RESIDENTIAL SERVICE									
Sales									
Rate A	12.60	+ 0.00	+ 0.00	+ 0.02566	+ 0.42013	0.00	From Utility 0.38295	=	0.82874
Rate A-1 Residential Multi-Family	12.60	+ 0.00	+ 0.00	+ 0.02566	+ 0.42013	0.00	0.38295	=	0.82874
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice alternative suppliers	12.60	0.00		0.02566	0.42013	(see above)	From Others per contract * including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE									
Sales									
General Service - Rate GS-1	15.00	0.00	0.00	+ 0.4577	+ 3.62550	0.00	From Utility 3.8295	=	7.9127
General Service - Rate GS-2	91.63	0.00	0.00	+ 0.4577	+ 2.70600	0.00	3.8295	=	6.9932
General Service - Rate GS-3 (0-100,000 Year)	234.57	0.00	0.00	+ 0.4577	+ 2.53440	0.00	3.8295	=	6.8216
General Service - Rate GS-3 (>100,000 Year)	234.57	0.00	0.00	+ 0.0146	+ 2.53440	0.00	3.8295	=	6.3785
Customer Choice alternative suppliers	(see above)	(see above)			(see above)	(see above)	From Others per contract		
Transportation									
Rate ST Cost Based Rate (0-100,000 Year)	890.85	0.00	0.00	0.4577	1.2162	0.00	From Others per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85	0.00	0.00	0.0033	1.2162	0.00	per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04	0.00	0.00	0.4577	1.1330	0.00	per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04	0.00	0.00	0.0033	1.1330	0.00	per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55	0.00	0.00	0.4577	0.7900	0.00	per contract		
Rate XXL Cost Based Rate (>100,000 Year)	44381.36	0.00	0.00	0.0033	0.4375	0.00	per contract		
XLT/XXLT Remote Meter Charge	70.00		0.00			0.0000	per contract		
OTHER Sheet D-14.00 (\$/luminaire)									
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	5.00				includes gas	0.00			
2.6 to 4.5 CF/Hr	9.00				includes gas	0.00			
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.									
Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.									
Note 3: New rates effective on and after October 1, 2020 per U-20650									
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424 - REMOVED									
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671 - REMOVED									
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED									
Customer Attachment Program surcharges are in addition to rates above									
Understanding your bill at Consumersenergy.com									
Rates Reference: see Rate Books									

DTE GAS COMPANY										October 1, 2021	
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1	See note 6	See note 2				See note 3	See note 5		
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf)					
Sales										From Utility	
Residential Service - Rate A	12.25	0.63	-1.14	0.02814	+	0.36930	+	0.04200	0.00000	0.28000	= 0.71944
Residential Multi Family Rate 2A Class 1	12.25	4.11	2.97	0.02512	+	0.36930	+	0.04200	0.00000	0.28000	= 0.71642
Residential Multi Family Rate 2A Class 2	32.00	4.11	10.74	0.02512	+	0.36930	+	0.04200	0.00000	0.28000	= 0.71642
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)	+	0.04200	(see above)	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales										From Utility	
Rate GS-1	32.00	2.99	-0.73	0.2512	+	3.4909	+	0.42000	0.0000	2.8000	= 6.9621
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.00	0.2512	+	2.9183	+	0.42000	0.0000	2.8000	= 6.3895
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.00	0.0221	+	2.9183	+	0.42000	0.0000	2.8000	= 6.1604
Rate S	200.00	41.58	-10.81	0.2512	+	2.2720	+	0.42000	0.0000	2.8000	= 5.7432
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)			(see above)	per contract	
Transportation										From Others	
Rate ST (cost based rate)	2,600.00	151.86	0.00	0.0221		1.2902			0.0000	per contract	
Maximum (optional)	2,600.00	151.86	0.00	0.0221		2.3504			0.0000	per contract	
Minimum (optional)	2,600.00	151.86	0.00	0.0221		0.2300			0.0000	per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.00	0.0221		0.7637			0.0000	per contract	
Maximum (optional)	6,500.00	715.61	0.00	0.0221		1.2974			0.0000	per contract	
Minimum (optional)	6,500.00	715.61	0.00	0.0221		0.2300			0.0000	per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.00	0.0221		0.5777			0.0000	per contract	
Maximum (optional)	14,000.00	4,225.20	0.00	0.0221		0.9754			0.0000	per contract	
Minimum (optional)	14,000.00	4,225.20	0.00	0.0221		0.1800			0.0000	per contract	
Rate XXLT (cost based rate)	145,000.00	941.49	0.00	0.0221		0.1401			0.0000	per contract	
Maximum (optional)	145,000.00	941.49	0.00	0.0221		0.9754			0.0000	per contract	
Minimum (optional)	145,000.00	941.49	0.00	0.0221		0.0500			0.0000	per contract	
EUT Exploratory Program				0.0118							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge	1.00 min*					*see E-17.01					
Load Balancing Storage Charge	47.00					.0470/cubic foot					
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.											
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021											
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round											
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.											
Note 6: Implemented on a bills rendered basis and is effective September 2021 through November 2021 for rates A, 2A I & II, GS-1 and S, per U-20966											
Rates at utilities.dteenergy.com (PDF version)											
Understanding your bill at dteenergy.com											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.									
October 1, 2021									
	Customer Charge	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	Total			
		see note 1	see note 2		see note 3	Vol Charge			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)							
						Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales									
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.35948	+ 0.07327	= 0.43275	)= 0.59652
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.35948	+ 0.07327	= 0.43275	)= 0.58115
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		-0.01757	+ per contract	+ 0.07327		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)							
						Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales									
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+(3.5948	+ 0.7327	= 4.3275	)= 5.89090
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+(3.5948	+ 0.7327	= 4.3275	)= 5.39230
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+(3.5948	+ 0.7327	= 4.3275	)= 5.89090
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	+ per contract	+ 0.7327		
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.									
Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.									
Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020									
Customer Attachment Program surcharges are in addition to rates above									
Rates at michigangasutilities.com									
Understanding your bill at michigangasutilities.com									
Rate Books									

SEMCO ENERGY GAS COMPANY										October 1, 2021	
		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge					Total Charge
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.10	0.09	0.04473	0.22451	+(0.41619	+ 0.10444	= 0.52063	)=	0.78987
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others	Balancing and Demand Charge			
							+ per contract	+ 0.10444			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	2.999	1.9556	+(4.16190	+ 1.0444	+ 5.2063	)=	10.16090
					0.0001	1.9556	4.16190	1.0444	5.2063	)=	7.16200
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	2.999	1.5226	+(4.16190	+ 1.0444	+ 5.2063	)=	9.72790
					0.0001	1.5226	4.16190	1.0444	5.2063	)=	6.72900
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	2.999	1.1966	+(4.16190	+ 1.0444	+ 5.2063	)=	9.40190
					0.0001	1.1966	4.16190	1.0444	5.2063	)=	6.40300
Customer Choice-Comm. & Industrial alternative suppliers		(see above)			(see above)	Distribution Charge	+ From Others	Balancing and Demand Charge			
							+ per contract	+ 1.04440			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)		Firm Balancing Charge (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.27640	75.00	per contract	1.0334		0.0344	
					0.0001			1.0334		0.0344	
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.27640	75.00	per contract	0.8563		0.0344	
					0.0001			0.8563		0.0344	
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.27640	75.00	per contract	0.4669		0.0344	
					0.0001			0.4669		0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.											
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

October 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.36945	= 0.4630
Seasonal	10.00	0.09664	+ -0.00310	0.36945	= 0.4630
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.6945	= 4.5149
Small Seasonal	18.32	0.8514	+ -0.03100	3.6945	= 4.5149
Large	95.65	0.6214	+ -0.03100	3.6945	= 4.2849
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.76478	= 0.9846
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	7.6478	= 9.1841
Firm (304)	476.66	1.7500	+ -0.1240	7.6478	= 9.2738
Interruptible (303)	145.79	0.6400	+ -0.1240	7.6478	= 8.1638
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.5676	3.5693	/Mcf U-20814
DTE Gas Company	<i>Increase</i>	2.7500	2.7500	/Mcf U-20816
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.8275	3.8275	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	4.7585	4.7585	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	3.6233	3.6233	/Dth U-20812
Xcel Energy	<i>Unchanged</i>	6.6993	6.6993	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814- As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

September 1, 2021

Calendar Year of GCR Factors

	Jul-21 \$/unit	Aug-21 \$/unit	Sep-21 \$/unit	Oct-21 \$/unit	Nov-21 \$/unit	Dec-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.0093	3.3173	3.5676				/Mcf
-U-20541 - As Filed or as Ordered	3.0233	3.3173	3.5693				/Mcf
DTE Gas Company							
- As Currently Billed	2.5300	2.6700	2.7500				/Mcf
-U-20543- As Filed or As Ordered	2.5300	2.6700	2.7500				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8275	3.8275	3.8275				/Mcf
-U-20545- As Filed or as Ordered	3.8275	3.8275	3.8275				/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	4.1085	4.4585	4.7585				/Dth
-U-20551 - As Filed or as Ordered	4.1085	4.4585	4.7585				/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4098	3.5521	3.6233				/Dth
-U-20539 - As Filed or As Ordered	3.4098	3.5521	3.6233				/Dth
Xcel Energy							
- As Currently Billed	6.6993	6.6993	6.6993				/Dth
-U-20547 - As Filed or as Ordered	6.6993	6.6993	6.6993				/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.35	0.44579	+ 0.35676	= 0.80255	\$92.61	16%
DTE Gas Company	12.69	0.43944	+ 0.27500	= 0.71444	\$82.99	4%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.38275	= 0.54652	\$67.65	-16%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26924	+ 0.47585	= 0.74509	\$86.95	9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.36233	= 0.45587	\$50.59	-37%
Xcel Energy	11.00	0.21978	+ 0.66993	= 0.88971	\$99.97	25%
AVERAGE RATE	11.08	0.27193	+ 0.42044	= 0.51927	\$80.13	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											September 1, 2021				
	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	-0.07	+	-0.18	+	0.02566	+	0.42013		0.00		From Utility 0.35676	=	0.80255
Rate A-1 Residential Multi-Family	12.60	+	-0.07	+	-2.01	+	0.02566	+	0.42013		0.00		0.35676	=	0.80255
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		-0.07				0.02566		0.42013		(see above)		From Others per contract * including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		-0.20		-0.07	+	0.4577	+	3.62550		0.00		From Utility 3.5676	=	7.6508
General Service - Rate GS-2	91.63		-1.53		-0.55	+	0.4577	+	2.70600		0.00		3.5676	=	6.7313
General Service - Rate GS-3 (0-100,000 Year)	234.57		-9.05		0.00	+	0.4577	+	2.53440		0.00		3.5676	=	6.5597
General Service - Rate GS-3 (>100,000 Year)	234.57		-9.05		0.00	+	0.0146	+	2.53440		0.00		3.5676	=	6.1166
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		-6.61		0.00		0.4577		1.2162		0.00		From Others per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		-6.61		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		-18.91		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		-18.91		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		-99.11		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		-1956.82		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00 (\$/luminaire)															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.															
Note 3: New rates effective on and after October 1, 2020 per U-20650															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671															
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY										September
	Customer Charge	IRM Surcharge	RDM Surcharge	EWR Surcharge		Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	
	See note 4	See note 1	See note 6	See note 2			See note 3	See note 5		
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf)				
Sales										From Utility
Residential Service - Rate A	12.25	0.63	-1.14	0.02814	+	0.36930	+	0.04200	0.00000	0.27500 =
Residential Multi Family Rate 2A Class 1	12.25	4.11	2.97	0.02512	+	0.36930	+	0.04200	0.00000	0.27500 =
Residential Multi Family Rate 2A Class 2	32.00	4.11	10.74	0.02512	+	0.36930	+	0.04200	0.00000	0.27500 =
Customer Choice										From Others
alternative suppliers	(see above)					(see above)	+	0.04200	(see above)	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)				
Sales										From Utility
Rate GS-1	32.00	2.99	-0.73	0.2512	+	3.4909	+	0.42000	0.0000	2.7500 =
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.00	0.2512	+	2.9183	+	0.42000	0.0000	2.7500 =
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.00	0.0221	+	2.9183	+	0.42000	0.0000	2.7500 =
Rate S	200.00	41.58	-10.81	0.2512	+	2.2720	+	0.42000	0.0000	2.7500 =
Customer Choice										From Others
alternative suppliers	(see above)					(see above)			(see above)	per contract
Transportation										From Others
Rate ST (cost based rate)	2,600.00	151.86	0.00	0.0221		1.2902			0.0000	per contract
Maximum (optional)	2,600.00	151.86	0.00	0.0221		2.3504			0.0000	per contract
Minimum (optional)	2,600.00	151.86	0.00	0.0221		0.2300			0.0000	per contract
Rate LT (cost based rate)	6,500.00	715.61	0.00	0.0221		0.7637			0.0000	per contract
Maximum (optional)	6,500.00	715.61	0.00	0.0221		1.2974			0.0000	per contract
Minimum (optional)	6,500.00	715.61	0.00	0.0221		0.2300			0.0000	per contract
Rate XLT (cost based rate)	14,000.00	4,225.20	0.00	0.0221		0.5777			0.0000	per contract
Maximum (optional)	14,000.00	4,225.20	0.00	0.0221		0.9754			0.0000	per contract
Minimum (optional)	14,000.00	4,225.20	0.00	0.0221		0.1800			0.0000	per contract
Rate XXLT (cost based rate)	145,000.00	941.49	0.00	0.0221		0.1401			0.0000	per contract
Maximum (optional)	145,000.00	941.49	0.00	0.0221		0.9754			0.0000	per contract
Minimum (optional)	145,000.00	941.49	0.00	0.0221		0.0500			0.0000	per contract
EUT Exploratory Program				0.0118						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	1.00 min*					*see E-17.01				
Load Balancing Storage Charge	47.00					.0470/cubic foot				
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.										
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019										
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round										
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Note 6: Implemented on a bills redereed basis and is effective September 2021 through November 2021 for rates A, 2A I & II, GS-1 and S, per U-20966										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference:	see	Rate Books	for more details							

1, 2021	Total Vol Charge
0.71444	
0.71142	
0.71142	
6.9121	
6.3395	
6.1104	
5.6932	

MICHIGAN GAS UTILITIES CORP.									
September 1, 2021									
	Customer Charge	EWR Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3				Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.30948	+ 0.07327	= 0.38275	)= 0.54652
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.30948	+ 0.07327	= 0.38275	)= 0.53115
Customer Choice-Residential alternative suppliers	(see above)	(see above)	N/A		-0.01757	+ From Others per contract	+ Reservation Charge 0.07327		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+(3.0948	+ 0.7327	= 3.8275	)= 5.39090
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+(3.0948	+ 0.7327	= 3.8275	)= 4.89230
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+(3.0948	+ 0.7327	= 3.8275	)= 5.39090
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)			(see above)	+ From Others per contract	+ Reservation Charge 0.7327		
Transportation	\$/mo								
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.									
Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.									
Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020									
Customer Attachment Program surcharges are in addition to rates above									
Rates at michigangasutilities.com									
Understanding your bill at michigangasutilities.com									
Rate Books									

SEMCO ENERGY GAS COMPANY										September 1, 2021	
		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge					Total Charge
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.10	0.09	0.04473	0.22451	+(0.36867	+ 0.10718	= 0.47585	)=	0.74509
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract	+ Balancing and Demand Charge 0.10718			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	2.999	1.9556	+(3.68670	+ 1.0718	+ 4.7585	)=	9.71310
					0.0001	1.9556	3.68670	1.0718	4.7585		6.71420
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	2.999	1.5226	+(3.68670	+ 1.0718	+ 4.7585	)=	9.28010
					0.0001	1.5226	3.68670	1.0718	4.7585		6.28120
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	2.999	1.1966	+(3.68670	+ 1.0718	+ 4.7585	)=	8.95410
					0.0001	1.1966	3.68670	1.0718	4.7585		5.95520
Customer Choice-Comm. & Industrial alternative suppliers		(see above)				(see above)	Distribution Charge	From Others per contract	+ Balancing and Demand Charge 1.07180		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge \$/Dth	Remote Meter Charge (\$/month)	From Others	Distribution Charge \$/Dth		Firm Balancing Charge \$/Dth	
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.27640	75.00	per contract	1.0334		0.0344	
					0.0001			1.0334		0.0344	
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.27640	75.00	per contract	0.8563		0.0344	
					0.0001			0.8563		0.0344	
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.27640	75.00	per contract	0.4669		0.0344	
					0.0001			0.4669		0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after Sep. 1, 2021, pursuant to order U-20873.											
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see						Rate Books for more details					

OTHER MICHIGAN-PSC REGULATED

September 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.36233	= 0.4559
Seasonal	10.00	0.09664	+ -0.00310	0.36233	= 0.4559
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.6233	= 4.4437
Small Seasonal	18.32	0.8514	+ -0.03100	3.6233	= 4.4437
Large	95.65	0.6214	+ -0.03100	3.6233	= 4.2137
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22720	+ -0.00742	0.66993	= 0.8897
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.85	1.7500	+ -0.2137	6.6993	= 8.2356
Firm (304)	476.66	1.7500	+ -0.1240	6.6993	= 8.3253
Interruptible (303)	145.79	0.6400	+ -0.1240	6.6993	= 7.2153
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.85	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2021

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.3173	3.3173 /Mcf	U-20814
DTE Gas Company	Increase	2.6700	2.6700 /Mcf	U-20816
Michigan Gas Utilities Corp	Unchanged	3.8275	3.8275 /Mcf	U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	4.4585	4.4585 /Dth	U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.5521	3.5521 /Dth	U-20812
Xcel Energy	Unchanged	6.6993	6.6993 /Dth	U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

August 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Company						
- As Currently Billed	3.0093	3.3173				/Mcf
-U-20541 - As Filed or as Ordered	3.0233	3.3173				/Mcf
DTE Gas Company						
- As Currently Billed	2.5300	2.6700				/Mcf
-U-20543- As Filed or As Ordered	2.5300	2.6700				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.8275	3.8275				/Mcf
-U-20545- As Filed or as Ordered	3.8275	3.8275				/Mcf
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Company						
- As Currently Billed	4.1085	4.4585				/Dth
-U-20551 - As Filed or as Ordered	4.1085	4.4585				/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.4098	3.5521				/Dth
-U-20539 - As Filed or As Ordered	3.4098	3.5521				/Dth
Xcel Energy						
- As Currently Billed	6.6993	6.6993				/Dth
-U-20547 - As Filed or as Ordered	6.6993	6.6993				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	12.35	0.44579	+ 0.33173	= 0.77752	\$90.10	14%
DTE Gas Company	12.69	0.43944	+ 0.26700	= 0.70644	\$83.33	5%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.38275	= 0.54652	\$67.65	-14%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.44585	= 0.71073	\$83.51	6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.35521	= 0.44875	\$49.88	-37%
Xcel Energy	11.00	0.21645	+ 0.66993	= 0.88638	\$99.64	26%
AVERAGE RATE	11.08	0.27065	+ 0.40875	= 0.50954	\$79.02	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2021

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	-0.07	+	-0.18	+	0.02566	+	0.42013		0.00		From Utility	0.33173	= 0.77752
Rate A-1 Residential Multi-Family	12.60	+	-0.07	+	-2.01	+	0.02566	+	0.42013		0.00		0.33173	=	0.77752
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		-0.07				0.02566		0.42013		(see above)		From Others		
per contract * including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
			(\$/month)				(volumetric charges in \$/Mcf)								
Sales															
General Service - Rate GS-1	15.00		-0.20		-0.07	+	0.4577	+	3.62550		0.00		From Utility	3.3173	= 7.4005
General Service - Rate GS-2	91.63		-1.53		-0.55	+	0.4577	+	2.70600		0.00		3.3173	=	6.4810
General Service - Rate GS-3 (0-100,000 Year)	234.57		-9.05		0.00	+	0.4577	+	2.53440		0.00		3.3173	=	6.3094
General Service - Rate GS-3 (>100,000 Year)	234.57		-9.05		0.00	+	0.0146	+	2.53440		0.00		3.3173	=	5.8663
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
per contract															
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		-6.61		0.00		0.4577		1.2162		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		-6.61		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		-18.91		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		-18.91		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		-99.11		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		-1956.82		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
			(\$/luminaire)								(\$/luminaire)				
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**
[Customer Attachment Program](#) surcharges are in addition to rates above
[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									August 1, 2021	
	Customer Charge See note 4	IRM Surcharge See note 1	EWR Surcharge See note 2		Distribution Charge		Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge
	(\$/month)				(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200	0.00000	From Utility 0.26700	= 0.70644
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.26700	= 0.70342
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.26700	= 0.70342
Customer Choice										
alternative suppliers	(see above)				(see above)	+	0.04200	(see above)	From Others	
									per contract	
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales										
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000	0.0000	From Utility 2.6700	= 6.8321
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000	0.0000	2.6700	= 6.2595
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000	0.0000	2.6700	= 6.0304
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000	0.0000	2.6700	= 5.6132
Customer Choice										
alternative suppliers	(see above)				(see above)			(see above)	From Others	
									per contract	
Transportation										
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902			0.0000	From Others	
Maximum (optional)	2,600.00	151.86	0.0221		2.3504			0.0000	per contract	
Minimum (optional)	2,600.00	151.86	0.0221		0.2300			0.0000	per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637			0.0000	per contract	
Maximum (optional)	6,500.00	715.61	0.0221		1.2974			0.0000	per contract	
Minimum (optional)	6,500.00	715.61	0.0221		0.2300			0.0000	per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777			0.0000	per contract	
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754			0.0000	per contract	
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800			0.0000	per contract	
Rate XXLT (cost based rate)	145,000.00	941.49	0.0221		0.1401			0.0000	per contract	
Maximum (optional)	145,000.00	941.49	0.0221		0.9754			0.0000	per contract	
Minimum (optional)	145,000.00	941.49	0.0221		0.0500			0.0000	per contract	
EUT Exploratory Program			0.0118							
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01					
Load Balancing Storage Charge	47.00				.0470/cubic foot					
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.										
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021										
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019										
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round										
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.										
Rates at utilities.dteenergy.com (PDF version)										
Understanding your bill at dteenergy.com										
Rates Reference:	see	Rate Books	for more details							

MICHIGAN GAS UTILITIES CORP.									
August 1, 2021									
	Customer Charge	EWR Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	Total Vol Charge			
		see note 1	see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+	0.30948	+	0.07327
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+	0.30948	+	0.07327
									= 0.38275
									= 0.54652
Customer Choice-Residential						From Others	Reservation Charge		
alternative supplies	(see above)	(see above)	N/A		-0.01757	+	per contract	+	0.07327
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+	3.0948	+	0.7327
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+	3.0948	+	0.7327
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+	3.0948	+	0.7327
									= 3.8275
									= 5.39090
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative supplies	(see above)	(see above)			(see above)	+	per contract	+	0.7327
Transportation	\$/mo								
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			

Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.

Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

August 1, 2021

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge		Total Charge				
			see note 3 (\$/month)	see note 2	see note 1							
RESIDENTIAL SERVICE												
(volumetric charges in \$/Therm metered)												
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.33867	+ 0.10718	= 0.44585)	0.71073	
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others	+ Balancing and Demand Charge				
							+ per contract	+ 0.10718				
COMMERCIAL & INDUSTRIAL SERVICE												
(volumetric charges in \$/Dth metered)												
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
General Service (GS-1)		(0-9 Dth)	15.00	0.25	0.22	3.0363	1.9556	+(3.38670	+ 1.0718	+ 4.4585)	9.45040
		(>9 Dth)				0.0001	1.9556	3.38670	1.0718	4.4585		6.41420
General Service (GS-2)		(0-9 Dth)	38.80	1.33	1.12	3.0363	1.5226	+(3.38670	+ 1.0718	+ 4.4585)	9.01740
		(>9 Dth)				0.0001	1.5226	3.38670	1.0718	4.4585		5.98120
General Service (GS-3)		(0-9 Dth)	116.20	8.00	6.77	3.0363	1.1966	+(3.38670	+ 1.0718	+ 4.4585)	8.69140
		(>9 Dth)				0.0001	1.1966	3.38670	1.0718	4.4585		5.65520
Customer Choice-Comm. & Industrial alternative suppliers		(see above)				(see above)	Distribution Charge	From Others	Balancing and Demand Charge			
							+ per contract	+ 1.07180				
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)		From Others (\$/Dth)	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)		
TR-1		(0-2500 Dth)	350.00	23.35	19.77	0.14710	75.00	per contract	1.0334	0.0344		
		(>2500 Dth)				0.0001			1.0334	0.0344		
TR-2		(0-2500 Dth)	1,089.15	117.98	99.85	0.14710	75.00	per contract	0.8563	0.0344		
		(>2500 Dth)				0.0001			0.8563	0.0344		
TR-3		(0-2500 Dth)	10,831.50	589.65	499.05	0.14710	75.00	per contract	0.4669	0.0344		
		(>2500 Dth)				0.0001			0.4669	0.0344		
OTHER												
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.												
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.												
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.												
Rates at semcoenergy.com												
Customer Attachment Program												
Understanding your bill at semcoenergygas.com												
surcharges are in addition to rates above												
Rates Reference: see Rate Books for more details												

OTHER MICHIGAN-PSC REGULATED

August 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.35521	= 0.4488
Seasonal	10.00	0.09664	+ -0.00310	0.35521	= 0.4488
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.5521	= 4.3725
Small Seasonal	18.32	0.8514	+ -0.03100	3.5521	= 4.3725
Large	95.65	0.6214	+ -0.03100	3.5521	= 4.1425
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.66993	= 0.8864
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	6.6993	= 8.2356
Firm (304)	421.99	1.7500	+ -0.1240	6.6993	= 8.3253
Interruptible (303)	107.01	0.6400	+ -0.1240	6.6993	= 7.2153
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.0093	3.0233	/Mcf U-20814
DTE Gas Company	<i>Unchanged</i>	2.5300	2.5300	/Mcf U-20816
Michigan Gas Utilities Corp	<i>Increase</i>	3.8275	3.8275	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	4.1085	4.1085	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Unchanged</i>	3.4098	3.4098	/Dth U-20812
Xcel Energy	<i>Increase</i>	6.6993	6.6993	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814- As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

July 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0093						/Mcf
-U-20541 - As Filed or as Ordered	3.0233						/Mcf
DTE Gas Company							
- As Currently Billed	2.5300						/Mcf
-U-20543- As Filed or As Ordered	2.5300						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.8275						/Mcf
-U-20545- As Filed or as Ordered	3.8275						/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	4.1085						/Dth
-U-20551 - As Filed or as Ordered	4.1085						/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.4098						/Dth
-U-20539 - As Filed or As Ordered	3.4098						/Dth
Xcel Energy							
- As Currently Billed	6.6993						/Dth
-U-20547 - As Filed or as Ordered	6.6993						/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.35	0.44579	+ 0.30093	= 0.74672	\$87.02	12%
DTE Gas Company	12.69	0.43944	+ 0.25300	= 0.69244	\$81.93	6%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.38275	= 0.54652	\$67.65	-13%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.41085	= 0.67573	\$80.01	3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.34098	= 0.43452	\$48.45	-37%
Xcel Energy	11.00	0.21645	+ 0.66993	= 0.88638	\$99.64	29%
AVERAGE RATE	11.08	0.27065	+ 0.39307	= 0.49779	\$77.45	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											July 1, 2021				
	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6 (volumetric charges in \$/ccf)		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	-0.07	+	-0.18	+	0.02566	+	0.42013		0.00		From Utility 0.30093	=	0.74672
Rate A-1 Residential Multi-Family	12.60	+	-0.07	+	-2.01	+	0.02566	+	0.42013		0.00		0.30093	=	0.74672
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		-0.07				0.02566		0.42013		(see above)		From Others per contract * including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		-0.20		-0.07	+	0.4577	+	3.62550		0.00		From Utility 3.0093	=	7.0925
General Service - Rate GS-2	91.63		-1.53		-0.55	+	0.4577	+	2.70600		0.00		3.0093	=	6.1730
General Service - Rate GS-3 (0-100,000 Year)	234.57		-9.05		0.00	+	0.4577	+	2.53440		0.00		3.0093	=	6.0014
General Service - Rate GS-3 (>100,000 Year)	234.57		-9.05		0.00	+	0.0146	+	2.53440		0.00		3.0093	=	5.5583
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	890.85		-6.61		0.00		0.4577		1.2162		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		-6.61		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		-18.91		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		-18.91		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		-99.11		0.00		0.4577		0.7900		0.00		per contract		
Rate XXL Cost Based Rate (>100,000 Year)	44381.36		-1956.82		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00 (\$/luminaire)															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.															
Note 3: New rates effective on and after October 1, 2020 per U-20650															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671															
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY								
July 1, 2021								
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1	See note 2		See note 3	See note 5		
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf)				
Sales							From Utility	
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814 +	0.36930 +	0.04200	0.00000	0.25300	= 0.69244
Residential Multi Family Rate 2A Class 1	12.25	4.11 +	0.02512 +	0.36930 +	0.04200	0.00000	0.25300	= 0.68942
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512 +	0.36930 +	0.04200	0.00000	0.25300	= 0.68942
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)	+ 0.04200	(see above)	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales							From Utility	
Rate GS-1	32.00	2.99	0.2512 +	3.4909 +	0.42000	0.0000	2.5300	= 6.6921
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512 +	2.9183 +	0.42000	0.0000	2.5300	= 6.1195
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221 +	2.9183 +	0.42000	0.0000	2.5300	= 5.8904
Rate S	200.00	41.58	0.2512 +	2.2720 +	0.42000	0.0000	2.5300	= 5.4732
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)		(see above)	per contract	
Transportation							From Others	
Rate ST (cost based rate)	2,600.00	151.86	0.0221	1.2902		0.0000	per contract	
Maximum (optional)	2,600.00	151.86	0.0221	2.3504		0.0000	per contract	
Minimum (optional)	2,600.00	151.86	0.0221	0.2300		0.0000	per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.0221	0.7637		0.0000	per contract	
Maximum (optional)	6,500.00	715.61	0.0221	1.2974		0.0000	per contract	
Minimum (optional)	6,500.00	715.61	0.0221	0.2300		0.0000	per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221	0.5777		0.0000	per contract	
Maximum (optional)	14,000.00	4,225.20	0.0221	0.9754		0.0000	per contract	
Minimum (optional)	14,000.00	4,225.20	0.0221	0.1800		0.0000	per contract	
Rate XXLTL (cost based rate)	145,000.00	941.49	0.0221	0.1401		0.0000	per contract	
Maximum (optional)	145,000.00	941.49	0.0221	0.9754		0.0000	per contract	
Minimum (optional)	145,000.00	941.49	0.0221	0.0500		0.0000	per contract	
EUT Exploratory Program			0.0118					
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	1.00 min*			*see E-17.01				
Load Balancing Storage Charge	47.00			.0470/cubic foot				
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.								
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021								
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019								
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round								
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.								
Rates at utilities.dteenergy.com (PDF version)								
Understanding your bill at dteenergy.com								
Rates Reference:	see	Rate Books	for more details					

MICHIGAN GAS UTILITIES CORP.									
July 1, 2021									
	Customer Charge	EWR Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3	Total Vol Charge			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.30948	+ 0.07327	= 0.38275	)= 0.54652
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.30948	+ 0.07327	= 0.38275	)= 0.53115
Customer Choice-Residential alternative suppliers	(see above)	(see above)	N/A		-0.01757	+ From Others per contract	+ Reservation Charge 0.07327		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)							
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+(3.0948	+ 0.7327	= 3.8275	)= 5.39090
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+(3.0948	+ 0.7327	= 3.8275	)= 4.89230
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+(3.0948	+ 0.7327	= 3.8275	)= 5.39090
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)			(see above)	+ From Others per contract	+ Reservation Charge 0.7327		
Transportation	\$/mo	Customer Charge	EO Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.									
Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.									
Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020									
Customer Attachment Program surcharges are in addition to rates above									
Rates at michigangasutilities.com									
Understanding your bill at michigangasutilities.com									
Rate Books									

SEMCO ENERGY GAS COMPANY										July 1, 2021	
		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge					Total Charge
RESIDENTIAL SERVICE							(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.30367	+ 0.10718	= 0.41085	)=	0.67573
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract	+ Balancing and Demand Charge 0.10718			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	3.0363	1.9556	+(3.03670	+ 1.0718	+ 4.1085	)=	9.10040
					0.0001	1.9556	3.03670	1.0718	4.1085		6.06420
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	3.0363	1.5226	+(3.03670	+ 1.0718	+ 4.1085	)=	8.66740
					0.0001	1.5226	3.03670	1.0718	4.1085		5.63120
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	3.0363	1.1966	+(3.03670	+ 1.0718	+ 4.1085	)=	8.34140
					0.0001	1.1966	3.03670	1.0718	4.1085		5.30520
Customer Choice-Comm. & Industrial alternative suppliers		(see above)				(see above)	Distribution Charge	From Others per contract	+ Balancing and Demand Charge 1.07180		
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)		Firm Balancing Charge (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.14710	75.00	per contract	1.0334		0.0344	
					0.0001			1.0334		0.0344	
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.14710	75.00	per contract	0.8563		0.0344	
					0.0001			0.8563		0.0344	
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.14710	75.00	per contract	0.4669		0.0344	
					0.0001			0.4669		0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.											
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see surcharges are in addition to rates above											
Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

July 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.34098	= 0.4345
Seasonal	10.00	0.09664	+ -0.00310	0.34098	= 0.4345
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.4098	= 4.2302
Small Seasonal	18.32	0.8514	+ -0.03100	3.4098	= 4.2302
Large	95.65	0.6214	+ -0.03100	3.4098	= 4.0002
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.66993	= 0.8864
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	6.6993	= 8.2356
Firm (304)	421.99	1.7500	+ -0.1240	6.6993	= 8.3253
Interruptible (303)	107.01	0.6400	+ -0.1240	6.6993	= 7.2153
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.9093	2.9393	/Mcf U-20814
DTE Gas Company	<i>Unchanged</i>	2.5300	2.5300	/Mcf U-20816
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.4501	3.4501	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	3.9900	4.0085	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	3.4098	3.4098	/Dth U-20812
Xcel Energy	<i>Increase</i>	6.6361	6.6361	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818	2.9093	/Mcf
-U-20814- As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873	2.9393	/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300	2.5300	/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300	2.5300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501	3.4501	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585	3.9900	/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585	4.0085	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030	3.4098	/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030	3.4098	/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391	6.6361	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2021

Calendar Year of GCR Factors

	Jul-21 \$/unit	Aug-21 \$/unit	Sep-21 \$/unit	Oct-21 \$/unit	Nov-21 \$/unit	Dec-21 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.53	0.44579	+ 0.29093	= 0.73672	\$86.20	13%
DTE Gas Company	12.69	0.43944	+ 0.25300	= 0.69244	\$81.93	7%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.34501	= 0.50878	\$63.88	-16%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.39900	= 0.66388	\$78.83	3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.34098	= 0.43452	\$48.45	-37%
Xcel Energy	11.00	0.21645	+ 0.66361	= 0.88006	\$99.01	30%
AVERAGE RATE	11.11	0.27065	+ 0.38209	= 0.48955	\$76.38	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											June 1, 2021				
	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	-0.07	+	0.00	+	0.02566	+	0.42013		0.00		From Utility 0.29093	=	0.73672
Rate A-1 Residential Multi-Family	12.60	+	-0.07	+	0.00	+	0.02566	+	0.42013		0.00		0.29093	=	0.73672
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice alternative suppliers	12.60		-0.07				0.02566		0.42013		(see above)		From Others per contract * including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		-0.20		0.00	+	0.4577	+	3.62550		0.00		From Utility 2.9093	=	6.9925
General Service - Rate GS-2	91.63		-1.53		0.00	+	0.4577	+	2.70600		0.00		2.9093	=	6.0730
General Service - Rate GS-3 (0-100,000 Year)	234.57		-9.05		0.00	+	0.4577	+	2.53440		0.00		2.9093	=	5.9014
General Service - Rate GS-3 (>100,000 Year)	234.57		-9.05		0.00	+	0.0146	+	2.53440		0.00		2.9093	=	5.4583
Customer Choice alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		-6.61		0.00		0.4577		1.2162		0.00		From Others per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		-6.61		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		-18.91		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		-18.91		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		-99.11		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		-1956.82		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00 (\$/luminaire)															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.															
Note 3: New rates effective on and after October 1, 2020 per U-20650															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the July 2021 Billing Month per U-20671															
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY									
June 1, 2021									
	Customer Charge	IRM Surcharge	EWR Surcharge		Distribution Charge		Reservation Charge	TCJA Credit C	GCR Factor
	See note 4	See note 1	See note 2				See note 3	See note 5	Total Vol Charge
RESIDENTIAL SERVICE									
	(\$/month)				(volumetric charges in \$/Ccf)				
Sales									From Utility
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200	0.00000	0.25300 = 0.69244
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.25300 = 0.68942
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.25300 = 0.68942
Customer Choice									From Others
alternative suppliers	(see above)				(see above)	+	0.04200	(see above)	per contract
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales									From Utility
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000	0.0000	2.5300 = 6.6921
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000	0.0000	2.5300 = 6.1195
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000	0.0000	2.5300 = 5.8904
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000	0.0000	2.5300 = 5.4732
Customer Choice									From Others
alternative suppliers	(see above)				(see above)			(see above)	per contract
Transportation									From Others
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902			0.0000	per contract
Maximum (optional)	2,600.00	151.86	0.0221		2.3504			0.0000	per contract
Minimum (optional)	2,600.00	151.86	0.0221		0.2300			0.0000	per contract
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637			0.0000	per contract
Maximum (optional)	6,500.00	715.61	0.0221		1.2974			0.0000	per contract
Minimum (optional)	6,500.00	715.61	0.0221		0.2300			0.0000	per contract
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777			0.0000	per contract
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754			0.0000	per contract
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800			0.0000	per contract
Rate XXLT (cost based rate)	145,000.00	941.49	0.0221		0.1401			0.0000	per contract
Maximum (optional)	145,000.00	941.49	0.0221		0.9754			0.0000	per contract
Minimum (optional)	145,000.00	941.49	0.0221		0.0500			0.0000	per contract
EUT Exploratory Program			0.0118						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01				
Load Balancing Storage Charge	47.00				.0470/cubic foot				
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.									
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books			for more details				

MICHIGAN GAS UTILITIES CORP.										June 1, 2021	
	Customer Charge	EWR Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3	Total Vol Charge					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)									
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.28565	+ 0.05936	= 0.34501	)= 0.50878	
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.28565	+ 0.05936	= 0.34501	)= 0.49341	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	N/A		-0.01757	+ From Others per contract	+ Reservation Charge 0.05936				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)									
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+(2.8565	+ 0.5936	= 3.4501	)= 5.01350	
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+(2.8565	+ 0.5936	= 3.4501	)= 4.51490	
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+(2.8565	+ 0.5936	= 3.4501	)= 5.01350	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)			(see above)	+ From Others per contract	+ Reservation Charge 0.5936				
Transportation	\$/mo	Customer Charge	EO Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)						
TR-1	850.00	41.33		0.7777	0.6277	-0.03970					
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140					
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180					
Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.											
Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY										June 1, 2021		
		Customer Charge	IRIP see note 3 (\$/month)	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge					Total Charge	
RESIDENTIAL SERVICE												
							(volumetric charges in \$/Therm metered)					
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.29182	+ 0.10718	=	0.39900	=	0.66388
<u>Customer Choice-Residential alternative suppliers</u>		12.25				0.22451	+ From Others per contract	+ Balancing and Demand Charge 0.10718				
COMMERCIAL & INDUSTRIAL SERVICE												
			(\$/month)				(volumetric charges in \$/Dth metered)					
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	3.0363	1.9556	+(2.91820	+ 1.0718	+	3.9900	)=	8.98190
					0.0001	1.9556	2.91820	1.0718		3.9900		5.94570
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	3.0363	1.5226	+(2.91820	+ 1.0718	+	3.9900	)=	8.54890
					0.0001	1.5226	2.91820	1.0718		3.9900		5.51270
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	3.0363	1.1966	+(2.91820	+ 1.0718	+	3.9900	)=	8.22290
					0.0001	1.1966	2.91820	1.0718		3.9900		5.18670
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)				(see above)	Distribution Charge	From Others per contract	+ Balancing and Demand Charge 1.07180			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)		From Others	Distribution Charge (\$/Dth)		Firm Balancing Charge (\$/Dth)	
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.14710	75.00		per contract	1.0334		0.0344	
					0.0001				1.0334		0.0344	
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.14710	75.00		per contract	0.8563		0.0344	
					0.0001				0.8563		0.0344	
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.14710	75.00		per contract	0.4669		0.0344	
					0.0001				0.4669		0.0344	
OTHER												
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.												
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.												
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.												
Rates at semcoenergy.com												
Customer Attachment Program												
Understanding your bill at semcoenergygas.com												
Rates Reference: see Rate Books for more details												

OTHER MICHIGAN-PSC REGULATED

June 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.34098	= 0.4345
Seasonal	10.00	0.09664	+ -0.00310	0.34098	= 0.4345
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.4098	= 4.2302
Small Seasonal	18.32	0.8514	+ -0.03100	3.4098	= 4.2302
Large	95.65	0.6214	+ -0.03100	3.4098	= 4.0002
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.66361	= 0.8801
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	6.6361	= 8.1724
Firm (304)	421.99	1.7500	+ -0.1240	6.6361	= 8.2621
Interruptible (303)	107.01	0.6400	+ -0.1240	6.6361	= 7.1521
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 2: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.6818	2.6873	/Mcf U-20814
DTE Gas Company	<i>Increase</i>	2.5300	2.5300	/Mcf U-20816
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.4501	3.4501	/Mcf U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Decrease</i>	3.7585	3.7585	/Dth U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.3030	3.3030	/Dth U-20812
Xcel Energy	<i>Unchanged</i>	3.8391	3.8391	/Dth U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553	2.6818		/Mcf
-U-20814- As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553	2.6873		/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500	2.5300		/Mcf
-U-20816- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300	2.5300		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501	3.4501		/Mcf
-U-20818- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501	3.4501		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585	3.7585		/Dth
-U-20822 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585	3.7585		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742	3.3030		/Dth
-U-20812 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742	3.3030		/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391	3.8391		/Dth
-U-20820 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391	3.8391		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2021

Calendar Year of GCR Factors

	Jul-21 \$/unit	Aug-21 \$/unit	Sep-21 \$/unit	Oct-21 \$/unit	Nov-21 \$/unit	Dec-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20541 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20543- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20545- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20551 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20547 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.53	0.44579	+ 0.26818	= 0.71397	\$83.93	19%
DTE Gas Company	12.69	0.43944	+ 0.25300	= 0.69244	\$81.93	16%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.34501	= 0.50878	\$63.88	-10%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.37585	= 0.64073	\$76.51	8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.33030	= 0.42384	\$47.38	-33%
Xcel Energy	11.00	0.21645	+ 0.38391	= 0.60036	\$71.04	0%
AVERAGE RATE	11.11	0.27065	+ 0.32604	= 0.44752	\$70.78	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											May 1, 2021				
	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	-0.07	+	0.00	+	0.02566	+	0.42013		0.00		0.26818	=	0.71397
Rate A-1 Residential Multi-Family	12.60	+	-0.07	+	0.00	+	0.02566	+	0.42013		0.00		0.26818	=	0.71397
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		-0.07				0.02566		0.42013		(see above)				
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		-0.20		0.00	+	0.4577	+	3.62550		0.00		2.6818	=	6.7650
General Service - Rate GS-2	91.63		-1.53		0.00	+	0.4577	+	2.70600		0.00		2.6818	=	5.8455
General Service - Rate GS-3 (0-100,000 Year)	234.57		-9.05		0.00	+	0.4577	+	2.53440		0.00		2.6818	=	5.6739
General Service - Rate GS-3 (>100,000 Year)	234.57		-9.05		0.00	+	0.0146	+	2.53440		0.00		2.6818	=	5.2308
Customer Choice															
alternative suppliers	(see above)		(see above)					(see above)		(see above)					
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		-6.61		0.00		0.4577		1.2162		0.00				
Rate ST Cost Based Rate (>100,000 Year)	890.85		-6.61		0.00		0.0033		1.2162		0.00				
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		-18.91		0.00		0.4577		1.1330		0.00				
Rate LT Cost Based Rate (>100,000 Year)	1584.04		-18.91		0.00		0.0033		1.1330		0.00				
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		-99.11		0.00		0.4577		0.7900		0.00				
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		-1956.82		0.00		0.0033		0.4375		0.00				
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000				
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.															
Note 3: New rates effective on and after October 1, 2020 per U-20650															
Note 4: IRM surcharge effective beginning the May 2021 billing month per case No. U-18424															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - REMOVED															
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY								
								May 1, 2021
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1	See note 2		See note 3	See note 5		
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf)				
Sales							From Utility	
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200	0.00000
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.02512	+	0.36930	+	0.04200	0.00000
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512	+	0.36930	+	0.04200	0.00000
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)	+	0.04200	(see above)	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales							From Utility	
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000	0.0000
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000	0.0000
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000	0.0000
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000	0.0000
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)			(see above)	per contract
Transportation							From Others	
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902		0.0000	per contract
Maximum (optional)	2,600.00	151.86	0.0221		2.3504		0.0000	per contract
Minimum (optional)	2,600.00	151.86	0.0221		0.2300		0.0000	per contract
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637		0.0000	per contract
Maximum (optional)	6,500.00	715.61	0.0221		1.2974		0.0000	per contract
Minimum (optional)	6,500.00	715.61	0.0221		0.2300		0.0000	per contract
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777		0.0000	per contract
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754		0.0000	per contract
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800		0.0000	per contract
Rate XXLTL (cost based rate)	145,000.00	941.49	0.0221		0.1401		0.0000	per contract
Maximum (optional)	145,000.00	941.49	0.0221		0.9754		0.0000	per contract
Minimum (optional)	145,000.00	941.49	0.0221		0.0500		0.0000	per contract
EUT Exploratory Program			0.0118					
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01			
Load Balancing Storage Charge	47.00				.0470/cubic foot			
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.								
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021								
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019								
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round								
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.								
Rates at utilities.dteenergy.com (PDF version)								
Understanding your bill at dteenergy.com								
Rates Reference:	see	Rate Books	for more details					

MICHIGAN GAS UTILITIES CORP.										May 1, 2021	
	Customer Charge	EWR Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3	Total Vol Charge					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)									
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.28565	+ 0.05936	= 0.34501	)= 0.50878	
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.28565	+ 0.05936	= 0.34501	)= 0.49341	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	N/A		-0.01757	+ From Others per contract	+ Reservation Charge 0.05936				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)									
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260	+(2.8565	+ 0.5936	= 3.4501	)= 5.01350	
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640	+(2.8565	+ 0.5936	= 3.4501	)= 4.51490	
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260	+(2.8565	+ 0.5936	= 3.4501	)= 5.01350	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)			(see above)	+ From Others per contract	+ Reservation Charge 0.5936				
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)						
Transportation	\$/mo										
TR-1	850.00	41.33		0.7777	0.6277	-0.03970					
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140					
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180					
Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.											
Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020											
Customer Attachment Program surcharges are in addition to rates above											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY										May 1, 2021		
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge					Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)					
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.26867	+ 0.10718	= 0.37585	)=	0.64073
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract	+ Balancing and Demand Charge 0.10718				
COMMERCIAL & INDUSTRIAL SERVICE												
			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Sales												
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	3.0363	1.9556	+(2.68670	+ 1.0718	+ 3.7585	)=	8.75040
					0.0001	1.9556	2.68670	1.0718	3.7585		5.71420	
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	3.0363	1.5226	+(2.68670	+ 1.0718	+ 3.7585	)=	8.31740
					0.0001	1.5226	2.68670	1.0718	3.7585		5.28120	
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	3.0363	1.1966	+(2.68670	+ 1.0718	+ 3.7585	)=	7.99140
					0.0001	1.1966	2.68670	1.0718	3.7585		4.95520	
Customer Choice-Comm. & Industrial alternative suppliers		(see above)			(see above)		Distribution Charge	From Others per contract	+ Balancing and Demand Charge 1.07180			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)		Firm Balancing Charge (\$/Dth)		
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.14710	75.00	per contract	1.0334		0.0344		
					0.0001			1.0334		0.0344		
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.14710	75.00	per contract	0.8563		0.0344		
					0.0001			0.8563		0.0344		
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.14710	75.00	per contract	0.4669		0.0344		
					0.0001			0.4669		0.0344		
OTHER												
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.												
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.												
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.												
Rates at semcoenergy.com												
Customer Attachment Program												
Understanding your bill at semcoenergygas.com												
Rates Reference: see Rate Books for more details												
surcharges are in addition to rates above												

OTHER MICHIGAN-PSC REGULATED

May 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.33030	= 0.4238
Seasonal	10.00	0.09664	+ -0.00310	0.33030	= 0.4238
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.3030	= 4.1234
Small Seasonal	18.32	0.8514	+ -0.03100	3.3030	= 4.1234
Large	95.65	0.6214	+ -0.03100	3.3030	= 3.8934
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.38391	= 0.6004
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	3.8391	= 5.3754
Firm (304)	421.99	1.7500	+ -0.1240	3.8391	= 5.4651
Interruptible (303)	107.01	0.6400	+ -0.1240	3.8391	= 4.3551
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 2: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.8553	2.8553 /Mcf	U-20814
DTE Gas Company	<i>Unchanged</i>	2.2500	2.5300 /Mcf	U-20816
Michigan Gas Utilities Corp	<i>Increase</i>	3.4501	3.4501 /Mcf	U-20818
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	3.9585	3.9585 /Dth	U-20822
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.3742	3.3742 /Dth	U-20812
Xcel Energy	<i>Increase</i>	3.8391	3.8391 /Dth	U-20820

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321	2.8553			/Mcf
-U-20541 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.8553			/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500	2.2500			/Mcf
-U-20235- As Filed or As Ordered	2.4600	2.4600	2.4600	2.5300			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156	3.4501			/Mcf
-U-20239- As Filed or as Ordered	3.0156	3.0156	3.0156	3.4501			/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900	3.9585			/Dth
-U-20245 - As Filed or as Ordered	3.3064	3.3064	3.3064	3.9585			/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098	3.3742			/Dth
-U-20247 - As Filed or as Ordered	3.2674	3.2318	3.2318	3.3742			/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816	3.8391			/Dth
-U-20241 - As Filed or as Ordered	2.5816	2.5816	2.5816	3.8391			/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2021

Calendar Year of GCR Factors

	Jul-21 \$/unit	Aug-21 \$/unit	Sep-21 \$/unit	Oct-21 \$/unit	Nov-21 \$/unit	Dec-21 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20541 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20543- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20545- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20551 - As Filed or as Ordered							/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20547 - As Filed or as Ordered							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.60	0.44579	+ 0.28553	= 0.73132	\$85.73	21%
DTE Gas Company	12.69	0.43944	+ 0.22500	= 0.66444	\$79.13	11%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.34501	= 0.50878	\$63.88	-10%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.39585	= 0.66073	\$78.51	10%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.33742	= 0.43096	\$48.10	-32%
Xcel Energy	11.00	0.21645	+ 0.38391	= 0.60036	\$71.04	0%
AVERAGE RATE	11.12	0.27065	+ 0.32879	= 0.44957	\$71.06	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2021

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		From Utility		
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		0.28553	=	0.73132
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	12.60		0.00				0.02566		0.42013		(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4577	+	3.62550		0.00		From Utility		
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4577	+	2.70600		0.00		2.8553	=	6.9385
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4577	+	2.53440		0.00		2.8553	=	6.0190
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0146	+	2.53440		0.00		2.8553	=	5.8474
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4577		1.2162		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY

April 1, 2021

	Customer Charge See note 4	IRM Surcharge See note 1	EWR Surcharge See note 2	Distribution Charge	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf)					
Sales							From Utility		
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200	0.00000	0.22500 = 0.66444
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.22500 = 0.66142
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.22500 = 0.66142
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)	+	0.04200	(see above)	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales							From Utility		
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000	0.0000	2.2500 = 6.4121
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000	0.0000	2.2500 = 5.8395
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000	0.0000	2.2500 = 5.6104
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000	0.0000	2.2500 = 5.1932
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)		(see above)	per contract		
Transportation							From Others		
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902		0.0000	per contract	
Maximum (optional)	2,600.00	151.86	0.0221		2.3504		0.0000	per contract	
Minimum (optional)	2,600.00	151.86	0.0221		0.2300		0.0000	per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637		0.0000	per contract	
Maximum (optional)	6,500.00	715.61	0.0221		1.2974		0.0000	per contract	
Minimum (optional)	6,500.00	715.61	0.0221		0.2300		0.0000	per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777		0.0000	per contract	
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754		0.0000	per contract	
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800		0.0000	per contract	
Rate XXLT (cost based rate)	145,000.00	941.49	0.0221		0.1401		0.0000	per contract	
Maximum (optional)	145,000.00	941.49	0.0221		0.9754		0.0000	per contract	
Minimum (optional)	145,000.00	941.49	0.0221		0.0500		0.0000	per contract	
EUT Exploratory Program			0.0118						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01				
Load Balancing Storage Charge	47.00				.0470/cubic foot				

Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.

Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021

Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019

Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round

Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.

[Rates at utilities.dteenergy.com \(PDF version\)](https://www.dteenergy.com/PDF/Utilities/Rates%20at%20utilities.dteenergy.com%20(PDF%20version).pdf)

[Understanding your bill at dteenergy.com](https://www.dteenergy.com/PDF/Utilities/Understanding%20your%20bill%20at%20dteenergy.com.pdf)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

April 1, 2021

	Customer Charge	EWR Surcharge see note 1	Gas Supply Acquisition see note 2	Distribution Charge	TCJA Surcharge see note 3	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)	
Sales					Gas Costs From Utility Reservation Charge GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821 + (0.28565 + 0.05936 = 0.34501)	0.50878
Gas Light Rate-Residential			0.00790	0.15871	-0.01821 + (0.28565 + 0.05936 = 0.34501)	0.49341
Customer Choice-Residential					From Others Reservation Charge	
alternative suppliers	(see above)	(see above)	N/A		-0.01757 + per contract + 0.05936	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)	
Sales					Gas Costs From Utility Reservation Charge GCR Factor	
Small General Service	35.00	4.50	0.07900	1.58700	-0.10260 + (2.8565 + 0.5936 = 3.4501)	5.01350
Large General Service	425.00	154.26	0.07900	1.03220	-0.04640 + (2.8565 + 0.5936 = 3.4501)	4.51490
GasLight Rate-Commercial		3.02	0.07900	1.58700	-0.10260 + (2.8565 + 0.5936 = 3.4501)	5.01350
Customer Choice-Comm. & Ind.					From Others Reservation Charge	
alternative suppliers	(see above)	(see above)			(see above) + per contract + 0.5936	
	Customer Charge	EO Charge		On-Peak (Nov-Mar) Off-Peak (Apr-Oct)		
Transportation	\$/mo					
TR-1	850.00	41.33		0.7777 0.6277	-0.03970	
TR-2	2,250.00	154.78		0.4796 0.3296	-0.03140	
TR-3	3,050.00	1013.65		0.4651 0.3151	-0.03180	

Note 1: Effective for bills rendered on and after January 1, 2021 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 17, 2020 In Case No: U-20922. GS customers switched to a daily calculation. Uncertain of accuracy on MGU's side.

Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 3: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

April 1, 2021

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge
			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)			
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.31385	+ 0.08200	= 0.39585	): 0.66073
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others per contract	+ Balancing and Demand Charge 0.08200		
COMMERCIAL & INDUSTRIAL SERVICE										
			(\$/month)				(volumetric charges in \$/Dth metered)			
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		15.00	0.25	0.22	3.0363	1.9556	+(3.13850	+ 0.8200	+ 3.9585	): 8.95040
					0.0001	1.9556	3.13850	0.8200	3.9585	5.91420
General Service (GS-2) (0-9 Dth)		38.80	1.33	1.12	3.0363	1.5226	+(3.13850	+ 0.8200	+ 3.9585	): 8.51740
					0.0001	1.5226	3.13850	0.8200	3.9585	5.48120
General Service (GS-3) (0-9 Dth)		116.20	8.00	6.77	3.0363	1.1966	+(3.13850	+ 0.8200	+ 3.9585	): 8.19140
					0.0001	1.1966	3.13850	0.8200	3.9585	5.15520
Customer Choice-Comm. & Industrial alternative suppliers		(see above)			(see above)	Distribution Charge	From Others	Balancing and Demand Charge		
							+ per contract	+ 0.82000		
		Customer Charge	IRIP	MRP Charge	EWR Charge	Remote Meter Charge	From Others	Distribution Charge		Firm Balancing Charge
		(\$/month)	(\$/month)	(\$/month)	\$/Dth	(\$/month)				
Transportation										
TR-1 (0-2500 Dth)		350.00	23.35	19.77	0.14710	75.00	per contract	\$/Dth 1.0334		\$/Dth 0.0344
					0.0001			1.0334		0.0344
TR-2 (0-2500 Dth)		1,089.15	117.98	99.85	0.14710	75.00	per contract	0.8563		0.0344
					0.0001			0.8563		0.0344
TR-3 (0-2500 Dth)		10,831.50	589.65	499.05	0.14710	75.00	per contract	0.4669		0.0344
					0.0001			0.4669		0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.**Note 3:** Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.[Rates at semcoenergy.com](#)[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.33742	= 0.4310
Seasonal	10.00	0.09664	+ -0.00310	0.33742	= 0.4310
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.3742	= 4.1946
Small Seasonal	18.32	0.8514	+ -0.03100	3.3742	= 4.1946
Large	95.65	0.6214	+ -0.03100	3.3742	= 3.9646
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.38391	= 0.6004
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	3.8391	= 5.3754
Firm (304)	421.99	1.7500	+ -0.1240	3.8391	= 5.4651
Interruptible (303)	107.01	0.6400	+ -0.1240	3.8391	= 4.3551
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2021

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.0321	2.4945	/Mcf U-20541
DTE Gas Company	Unchanged	2.2500	2.4600	/Mcf U-20543
Michigan Gas Utilities Corp	Unchanged	3.0156	3.0156	/Mcf U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	2.9900	3.3064	/Dth U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.4098	3.2318	/Dth U-20539
Xcel Energy	Unchanged	2.5816	2.5816	/Dth U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2021

Calendar Year of GCR Factors

	Jan-21 \$/unit	Feb-21 \$/unit	Mar-21 \$/unit	Apr-21 \$/unit	May-21 \$/unit	Jun-21 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.1727	2.1404	2.0321				/Mcf
-U-20541 - As Filed or as Ordered	2.4945	2.4945	2.4945				/Mcf
DTE Gas Company							
- As Currently Billed	2.3500	2.2500	2.2500				/Mcf
-U-20235- As Filed or As Ordered	2.4600	2.4600	2.4600				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.0156	3.0156	3.0156				/Mcf
-U-20239- As Filed or as Ordered	3.0156	3.0156	3.0156				/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	3.1500	2.9900	2.9900				/Dth
-U-20245 - As Filed or as Ordered	3.3064	3.3064	3.3064				/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.2674	3.1562	3.4098				/Dth
-U-20247 - As Filed or as Ordered	3.2674	3.2318	3.2318				/Dth
Xcel Energy							
- As Currently Billed	2.5816	2.5816	2.5816				/Dth
-U-20241 - As Filed or as Ordered	2.5816	2.5816	2.5816				/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.44579	+ 0.20321	= 0.64900	\$77.50	19%
DTE Gas Company	12.69	0.43944	+ 0.22500	= 0.66444	\$79.13	21%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30156	= 0.46533	\$59.53	-9%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.29900	= 0.56388	\$68.83	5%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.34098	= 0.43452	\$48.45	-26%
Xcel Energy	11.00	0.21645	+ 0.25816	= 0.47461	\$58.46	-10%
AVERAGE RATE	11.12	0.27065	+ 0.27132	= 0.40647	\$65.32	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2021

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		From Utility 0.20321	=	0.64900
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		0.20321	=	0.64900
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	12.60		0.00				0.02566		0.42013		(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4577	+	3.62550		0.00		From Utility 2.0321	=	6.1153
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4577	+	2.70600		0.00		2.0321	=	5.1958
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4577	+	2.53440		0.00		2.0321	=	5.0242
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0146	+	2.53440		0.00		2.0321	=	4.5811
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4577		1.2162		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY

March 1, 2021

	Customer Charge See note 4	IRM Surcharge See note 1	EWR Surcharge See note 2		Distribution Charge		Reservation Charge See note 3		TCJA Credit C See note 5		GCR Factor	Total Vol Charge
	(\$/month)				(volumetric charges in \$/Ccf)							
RESIDENTIAL SERVICE												
Sales											From Utility	
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200		0.00000	0.22500	=	0.66444
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.02512	+	0.36930	+	0.04200		0.00000	0.22500	=	0.66142
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512	+	0.36930	+	0.04200		0.00000	0.22500	=	0.66142
Customer Choice											From Others	
alternative suppliers	(see above)				(see above)	+	0.04200		(see above)		per contract	
COMMERCIAL & INDUSTRIAL SERVICE												
	(\$/month)				(volumetric charges in \$/Mcf metered)							
Sales											From Utility	
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000		0.0000	2.2500	=	6.4121
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000		0.0000	2.2500	=	5.8395
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000		0.0000	2.2500	=	5.6104
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000		0.0000	2.2500	=	5.1932
Customer Choice											From Others	
alternative suppliers	(see above)				(see above)				(see above)		per contract	
Transportation											From Others	
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902				0.0000		per contract	
Maximum (optional)	2,600.00	151.86	0.0221		2.3504				0.0000		per contract	
Minimum (optional)	2,600.00	151.86	0.0221		0.2300				0.0000		per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637				0.0000		per contract	
Maximum (optional)	6,500.00	715.61	0.0221		1.2974				0.0000		per contract	
Minimum (optional)	6,500.00	715.61	0.0221		0.2300				0.0000		per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777				0.0000		per contract	
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754				0.0000		per contract	
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800				0.0000		per contract	
Rate XXLT (cost based rate)	145,000.00	941.49	0.0221		0.1401				0.0000		per contract	
Maximum (optional)	145,000.00	941.49	0.0221		0.9754				0.0000		per contract	
Minimum (optional)	145,000.00	941.49	0.0221		0.0500				0.0000		per contract	
EUT Exploratory Program			0.0118									
Rate XLT/XXLT-Remote Meter Charge	100.00											
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01							
Load Balancing Storage Charge	47.00				.0470/cubic foot							

Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.

Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021

Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019

Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round

Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.

[Rates at utilities.dteenergy.com \(PDF version\)](https://www.dteenergy.com/PDF/version)

[Understanding your bill at dteenergy.com](https://www.dteenergy.com/Understanding-your-bill-at-dteenergy-com)

Rates Reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

March 1, 2021

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge		Total Charge
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)	
Sales							Gas Costs From Utility	
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.21700 + 0.08200 = 0.29900)	0.56388
Customer Choice-Residential							From Others	
alternative suppliers		12.25				0.22451	+ per contract + 0.08200	
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)	
Sales			(\$/month)				Gas Costs From Utility	
General Service (GS-1)	(0-9 Dth)	15.00	0.25	0.22	3.0363	1.9556	+(2.17000 + 0.8200 + 2.9900)	7.98190
	(>9 Dth)				0.0001	1.9556	2.17000 + 0.8200 + 2.9900	4.94570
General Service (GS-2)	(0-9 Dth)	38.80	1.33	1.12	3.0363	1.5226	+(2.17000 + 0.8200 + 2.9900)	7.54890
	(>9 Dth)				0.0001	1.5226	2.17000 + 0.8200 + 2.9900	4.51270
General Service (GS-3)	(0-9 Dth)	116.20	8.00	6.77	3.0363	1.1966	+(2.17000 + 0.8200 + 2.9900)	7.22290
	(>9 Dth)				0.0001	1.1966	2.17000 + 0.8200 + 2.9900	4.18670
Customer Choice-Comm. & Industrial							From Others	
alternative suppliers	(see above)				(see above)	Distribution Charge	+ per contract + 0.82000	
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others (\$/Dth)	Firm Balancing Charge (\$/Dth)
TR-1	(0-2500 Dth)	350.00	23.35	19.77	0.14710	75.00	per contract 1.0334	0.0344
	(>2500 Dth)				0.0001		1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	117.98	99.85	0.14710	75.00	per contract 0.8563	0.0344
	(>2500 Dth)				0.0001		0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	589.65	499.05	0.14710	75.00	per contract 0.4669	0.0344
	(>2500 Dth)				0.0001		0.4669	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.**Note 3:** Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.[Rates at semcoenergy.com](#)[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.34098	= 0.4345
Seasonal	10.00	0.09664	+ -0.00310	0.34098	= 0.4345
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.4098	= 4.2302
Small Seasonal	18.32	0.8514	+ -0.03100	3.4098	= 4.2302
Large	95.65	0.6214	+ -0.03100	3.4098	= 4.0002
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.25816	= 0.4746
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.5816	= 4.1179
Firm (304)	421.99	1.7500	+ -0.1240	2.5816	= 4.2076
Interruptible (303)	107.01	0.6400	+ -0.1240	2.5816	= 3.0976
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 2: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2021

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.1404	2.4945	/Mcf U-20541
DTE Gas Company	Decrease	2.2500	2.4600	/Mcf U-20543
Michigan Gas Utilities Corp	Unchanged	3.0156	3.0156	/Mcf U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	2.9900	3.3064	/Dth U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.1562	3.2318	/Dth U-20539
Xcel Energy	Unchanged	2.5816	2.5816	/Dth U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2021

Calendar Year of GCR Factors

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Company						
- As Currently Billed	2.1727	2.1404				/Mcf
-U-20541 - As Filed or as Ordered	2.4945	2.4945				/Mcf
DTE Gas Company						
- As Currently Billed	2.3500	2.2500				/Mcf
-U-20235- As Filed or As Ordered	2.4600	2.4600				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.0156	3.0156				/Mcf
-U-20239- As Filed or as Ordered	3.0156	3.0156				/Mcf
Presque Isle E. & G. Coop. *			(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Company						
- As Currently Billed	3.1500	2.9900				/Dth
-U-20245 - As Filed or as Ordered	3.3064	3.3064				/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.2674	3.1562				/Dth
-U-20247 - As Filed or as Ordered	3.2674	3.2318				/Dth
Xcel Energy						
- As Currently Billed	2.5816	2.5816				/Dth
-U-20241 - As Filed or as Ordered	2.5816	2.5816				/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	12.60	0.44579	+ 0.21404	= 0.65983	\$78.58	21%
DTE Gas Company	12.69	0.43944	+ 0.22500	= 0.66444	\$79.13	22%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30156	= 0.46533	\$59.53	-9%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.29900	= 0.56388	\$68.83	6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.31562	= 0.40916	\$45.92	-29%
Xcel Energy	11.00	0.21645	+ 0.25816	= 0.47461	\$58.46	-10%
AVERAGE RATE	11.12	0.27065	+ 0.26890	= 0.40466	\$65.08	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2021

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		From Utility		
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		0.21404	=	0.65983
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	12.60		0.00				0.02566		0.42013		(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4577	+	3.62550		0.00		From Utility		
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4577	+	2.70600		0.00		2.1404	=	6.2236
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4577	+	2.53440		0.00		2.1404	=	5.3041
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0146	+	2.53440		0.00		2.1404	=	4.6894
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4577		1.2162		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								February 1, 2021				
	Customer Charge See note 4	IRM Surcharge See note 1	EWR Surcharge See note 2	Distribution Charge	Reservation Charge See note 3	TCJA Credit C See note 5	GCR Factor	Total Vol Charge				
	(\$/month)			(volumetric charges in \$/Ccf)								
RESIDENTIAL SERVICE												
Sales								From Utility				
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200	0.00000	0.22500	=	0.66444	
Residential Multi Family Rate 2A Class 1	12.25	4.11	+	0.02512	+	0.36930	+	0.04200	0.00000	0.22500	=	0.66142
Residential Multi Family Rate 2A Class 2	32.00	4.11		0.02512	+	0.36930	+	0.04200	0.00000	0.22500	=	0.66142
Customer Choice								From Others				
alternative suppliers	(see above)			(see above)	+	0.04200	(see above)	per contract				
COMMERCIAL & INDUSTRIAL SERVICE												
	(\$/month)			(volumetric charges in \$/Mcf metered)								
Sales								From Utility				
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000	0.0000	2.2500	=	6.4121	
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000	0.0000	2.2500	=	5.8395	
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000	0.0000	2.2500	=	5.6104	
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000	0.0000	2.2500	=	5.1932	
Customer Choice								From Others				
alternative suppliers	(see above)			(see above)		(see above)	per contract					
Transportation								From Others				
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902		0.0000	per contract				
Maximum (optional)	2,600.00	151.86	0.0221		2.3504		0.0000	per contract				
Minimum (optional)	2,600.00	151.86	0.0221		0.2300		0.0000	per contract				
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637		0.0000	per contract				
Maximum (optional)	6,500.00	715.61	0.0221		1.2974		0.0000	per contract				
Minimum (optional)	6,500.00	715.61	0.0221		0.2300		0.0000	per contract				
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777		0.0000	per contract				
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754		0.0000	per contract				
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800		0.0000	per contract				
Rate XXLT (cost based rate)	145,000.00	941.49	0.0221		0.1401		0.0000	per contract				
Maximum (optional)	145,000.00	941.49	0.0221		0.9754		0.0000	per contract				
Minimum (optional)	145,000.00	941.49	0.0221		0.0500		0.0000	per contract				
EUT Exploratory Program			0.0118									
Rate XLT/XXLT-Remote Meter Charge	100.00											
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01							
Load Balancing Storage Charge	47.00				.0470/cubic foot							
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.												
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021												
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019												
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round												
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.												
Rates at utilities.dteenergy.com (PDF version)												
Understanding your bill at dteenergy.com												
Rates Reference:	see	Rate Books	for more details									

SEMCO ENERGY GAS COMPANY

February 1, 2021

		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge		Total Charge		
			see note 3 (\$/month)	see note 2	see note 1					
RESIDENTIAL SERVICE										
(volumetric charges in \$/Therm metered)										
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.21700 + 0.08200 = 0.29900)			0.56388
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ per contract + 0.08200			
COMMERCIAL & INDUSTRIAL SERVICE										
(volumetric charges in \$/Dth metered)										
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (>9 Dth)		15.00	0.25	0.22	3.0363	1.9556	+(2.17000 + 0.8200 + 2.9900)			7.98190
					0.0001	1.9556	2.17000 0.8200 2.9900			4.94570
General Service (GS-2) (>9 Dth)		38.80	1.33	1.12	3.0363	1.5226	+(2.17000 + 0.8200 + 2.9900)			7.54890
					0.0001	1.5226	2.17000 0.8200 2.9900			4.51270
General Service (GS-3) (>9 Dth)		116.20	8.00	6.77	3.0363	1.1966	+(2.17000 + 0.8200 + 2.9900)			7.22290
					0.0001	1.1966	2.17000 0.8200 2.9900			4.18670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)	Distribution Charge	+ per contract + 0.82000			
		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)		Firm Balancing Charge (\$/Dth)
Transportation										
TR-1	(0-2500 Dth)	350.00	23.35	19.77	0.14710	75.00	per contract	1.0334		0.0344
	(>2500 Dth)				0.0001			1.0334		0.0344
TR-2	(0-2500 Dth)	1,089.15	117.98	99.85	0.14710	75.00	per contract	0.8563		0.0344
	(>2500 Dth)				0.0001			0.8563		0.0344
TR-3	(0-2500 Dth)	10,831.50	589.65	499.05	0.14710	75.00	per contract	0.4669		0.0344
	(>2500 Dth)				0.0001			0.4669		0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.										
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.										
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
surcharges are in addition to rates above										
Rates Reference: see Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

February 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.31562	= 0.4092
Seasonal	10.00	0.09664	+ -0.00310	0.31562	= 0.4092
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.1562	= 3.9766
Small Seasonal	18.32	0.8514	+ -0.03100	3.1562	= 3.9766
Large	95.65	0.6214	+ -0.03100	3.1562	= 3.7466
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.25816	= 0.4746
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.5816	= 4.1179
Firm (304)	421.99	1.7500	+ -0.1240	2.5816	= 4.2076
Interruptible (303)	107.01	0.6400	+ -0.1240	2.5816	= 3.0976
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2021

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.1727	2.4945	/Mcf U-20541
DTE Gas Company	Decrease	2.3500	2.4600	/Mcf U-20543
Michigan Gas Utilities Corp	Increase	3.0156	3.0156	/Mcf U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Decrease	3.1500	3.3064	/Dth U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.2674	3.2674	/Dth U-20539
Xcel Energy	Decrease	2.5816	2.5816	/Dth U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2021

Calendar Year of GCR Factors

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.1727					/Mcf
-U-20541 - As Filed or as Ordered	2.4945					/Mcf
DTE Gas Company						
- As Currently Billed	2.3500					/Mcf
-U-20235- As Filed or As Ordered	2.4600					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.0156					/Mcf
-U-20239- As Filed or as Ordered	3.0156					/Mcf
Presque Isle E. & G. Coop. *						
SEMCO Energy Gas Company						
- As Currently Billed	3.1500					/Dth
-U-20245 - As Filed or as Ordered	3.3064					/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.2674					/Dth
-U-20247 - As Filed or as Ordered	3.2674					/Dth
Xcel Energy						
- As Currently Billed	2.5816					/Dth
-U-20241 - As Filed or as Ordered	2.5816					/Dth

GAS COST RECOVERY FACTOR HISTORY

January 1, 2021

Calendar Year of GCR Factors

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-20541 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-20543- As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-20545- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-20551 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-20539 - As Filed or As Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-20547 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2021

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.44579	+ 0.21727	= 0.66306	\$78.91	20%
DTE Gas Company	12.69	0.43944	+ 0.23500	= 0.67444	\$80.13	22%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30156	= 0.46533	\$59.53	-9%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.44	0.26488	+ 0.31500	= 0.57988	\$70.43	7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.32674	= 0.42028	\$47.03	-28%
Xcel Energy	11.00	0.21645	+ 0.25816	= 0.47461	\$58.46	-11%
AVERAGE RATE	11.12	0.27065	+ 0.27562	= 0.40970	\$65.75	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2021

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		0.21727	=	0.66306
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02566	+	0.42013		0.00		0.21727	=	0.66306
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		0.00				0.02566		0.42013		(see above)		From Others		
per contract * including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4577	+	3.62550		0.00		2.1727	=	6.2559
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4577	+	2.70600		0.00		2.1727	=	5.3364
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4577	+	2.53440		0.00		2.1727	=	5.1648
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0146	+	2.53440		0.00		2.1727	=	4.7217
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others		
per contract															
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4577		1.2162		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4577		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4577		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-14.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2021 billing month. Per U-20702. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

Customer Attachment Program surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								January 1, 2021	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 2		See note 3	See note 5			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales							From Utility		
Residential Service - Rate A (old 2) (Note 2)	12.25	0.63	0.02814	+	0.36930	+	0.04200	0.00000	0.23500 = 0.67444
Residential Multi Family Rate 2A Class 1	12.25	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.23500 = 0.67142
Residential Multi Family Rate 2A Class 2	32.00	4.11	0.02512	+	0.36930	+	0.04200	0.00000	0.23500 = 0.67142
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)	+	0.04200	(see above)	per contract	
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales							From Utility		
Rate GS-1	32.00	2.99	0.2512	+	3.4909	+	0.42000	0.0000	2.3500 = 6.5121
Rate GS-2 (<100,000 Mcf)	700.00	2.99	0.2512	+	2.9183	+	0.42000	0.0000	2.3500 = 5.9395
Rate GS-2 (>100,000 Mcf)	700.00	2.99	0.0221	+	2.9183	+	0.42000	0.0000	2.3500 = 5.7104
Rate S	200.00	41.58	0.2512	+	2.2720	+	0.42000	0.0000	2.3500 = 5.2932
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)			(see above)	per contract	
Transportation							From Others		
Rate ST (cost based rate)	2,600.00	151.86	0.0221		1.2902		0.0000	per contract	
Maximum (optional)	2,600.00	151.86	0.0221		2.3504		0.0000	per contract	
Minimum (optional)	2,600.00	151.86	0.0221		0.2300		0.0000	per contract	
Rate LT (cost based rate)	6,500.00	715.61	0.0221		0.7637		0.0000	per contract	
Maximum (optional)	6,500.00	715.61	0.0221		1.2974		0.0000	per contract	
Minimum (optional)	6,500.00	715.61	0.0221		0.2300		0.0000	per contract	
Rate XLT (cost based rate)	14,000.00	4,225.20	0.0221		0.5777		0.0000	per contract	
Maximum (optional)	14,000.00	4,225.20	0.0221		0.9754		0.0000	per contract	
Minimum (optional)	14,000.00	4,225.20	0.0221		0.1800		0.0000	per contract	
Rate XXLT (cost based rate)	145,000.00	941.49	0.0221		0.1401		0.0000	per contract	
Maximum (optional)	145,000.00	941.49	0.0221		0.9754		0.0000	per contract	
Minimum (optional)	145,000.00	941.49	0.0221		0.0500		0.0000	per contract	
EUT Exploratory Program			0.0118						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01				
Load Balancing Storage Charge	47.00				.0470/cubic foot				
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.									
Note 2: Effective for a period commencing on January 1, 2021 and ending December 31, 2021									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY										January 1, 2021	
		Customer Charge	IRIP	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge	
RESIDENTIAL SERVICE			see note 3 (\$/month)	see note 2	see note 1		(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		12.25	0.10	0.09	0.04037	0.22451	+(0.23300	+ 0.08200	= 0.31500	): 0.57988
Customer Choice-Residential alternative suppliers		12.25				0.22451	+ From Others	+ Balancing and Demand Charge			
							+ per contract	+ 0.08200			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)				
Sales			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (>9 Dth)	(0-9 Dth)	15.00	0.25	0.22	3.0363	1.9556	+(2.33000	+ 0.8200	+ 3.1500	): 8.14190
					0.0001	1.9556	2.33000	0.8200	3.1500	5.10570	
General Service (GS-2) (>9 Dth)	(0-9 Dth)	38.80	1.33	1.12	3.0363	1.5226	+(2.33000	+ 0.8200	+ 3.1500	): 7.70890
					0.0001	1.5226	2.33000	0.8200	3.1500	4.67270	
General Service (GS-3) (>9 Dth)	(0-9 Dth)	116.20	8.00	6.77	3.0363	1.1966	+(2.33000	+ 0.8200	+ 3.1500	): 7.38290
					0.0001	1.1966	2.33000	0.8200	3.1500	4.34670	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)					(see above)	Distribution Charge	From Others	Balancing and Demand Charge		
							+ per contract	+ 0.82000			
Transportation		Customer Charge (\$/month)	IRIP (\$/month)	MRP Charge (\$/month)	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)		
TR-1	(0-2500 Dth)	350.00	23.35	19.77	0.14710	75.00	per contract	1.0334	0.0344		
	(>2500 Dth)				0.0001			1.0334	0.0344		
TR-2	(0-2500 Dth)	1,089.15	117.98	99.85	0.14710	75.00	per contract	0.8563	0.0344		
	(>2500 Dth)				0.0001			0.8563	0.0344		
TR-3	(0-2500 Dth)	10,831.50	589.65	499.05	0.14710	75.00	per contract	0.4669	0.0344		
	(>2500 Dth)				0.0001			0.4669	0.0344		
OTHER											
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after January 1, 2021, pursuant to the December 17, 2020 order U-20925.											
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Note 3: Effective for bills rendered on and after January 1, 2021 and will continue as approved in U-20479 until new rates are established in a future contested case addressing the IRIP.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
surcharges are in addition to rates above											
Rates Reference: see Rate Books for more details											

OTHER MICHIGAN-PSC REGULATED

January 1, 2021

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.32674	= 0.4203
Seasonal	10.00	0.09664	+ -0.00310	0.32674	= 0.4203
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.16	0.8514	+ -0.03100	3.2674	= 4.0878
Small Seasonal	18.32	0.8514	+ -0.03100	3.2674	= 4.0878
Large	95.65	0.6214	+ -0.03100	3.2674	= 3.8578
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.25816	= 0.4746
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.5816	= 4.1179
Firm (304)	421.99	1.7500	+ -0.1240	2.5816	= 4.2076
Interruptible (303)	107.01	0.6400	+ -0.1240	2.5816	= 3.0976
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400
Rates Reference: Rate Information at xcelenergy.com Note 1: UMERC Credit C removed July 2020. TCJA in effect until next general rate case. Note 2: Xcel Credit C effective beginning January 2020 per U-20312					

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.3350	2.4945	/Mcf U-20541
DTE Gas Company	Unchanged	2.4600	2.4600	/Mcf U-20543
Michigan Gas Utilities Corp	Decrease	2.9696	3.0156	/Mcf U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	3.3064	3.3064	/Dth U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.4809	3.4809	/Dth U-20539
Xcel Energy	Unchanged	2.8972	2.8972	/Dth U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2020

Calendar Year of GCR Factors

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

December 1, 2020

Calendar Year of GCR Factors

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.3260	2.2650	2.3710	2.4867	2.3237	2.3350	/Mcf
-U-20541 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.5341	2.4945	2.4945	/Mcf
DTE Gas Company							
- As Currently Billed	2.4300	2.4300	2.4300	2.4600	2.4600	2.4600	/Mcf
-U-20543- As Filed or As Ordered	2.4300	2.4300	2.4300	2.4600	2.4600	2.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.8336	3.0156	3.0156	3.0626	3.0156	2.9696	/Mcf
-U-20545- As Filed or as Ordered	3.0156	3.0156	3.0156	3.0156	3.0156	3.0156	/Mcf
Presque Isle E. & G. Coop.							
SEMCO Energy Gas Company							
- As Currently Billed	3.0300	3.0300	3.2000	3.2781	3.3064	3.3064	/Dth
-U-20551 - As Filed or as Ordered	3.2281	3.2281	3.2281	3.2781	3.3064	3.3064	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.6514	3.4184	2.2719	3.4184	3.4098	3.4809	/Dth
-U-20539 - As Filed or As Ordered	3.4184	3.4184	3.4184	3.4184	3.4098	3.4809	/Dth
Xcel Energy							
- As Currently Billed	2.5184	2.5184	2.5184	2.8972	2.8972	2.8972	/Dth
-U-20547 - As Filed or as Ordered	2.5500	2.5500	2.5500	2.8972	2.8972	2.8972	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.60	0.44636	+ 0.23350	= 0.67986	\$80.59	20%
DTE Gas Company	13.91	0.43929	+ 0.24600	= 0.68529	\$82.44	22%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.29696	= 0.46073	\$59.07	-12%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.26212	+ 0.33064	= 0.59276	\$71.53	6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.34809	= 0.44163	\$49.16	-27%
Xcel Energy	11.00	0.21645	+ 0.28972	= 0.50617	\$61.62	-9%
AVERAGE RATE	11.29	0.27026	+ 0.29082	= 0.42081	\$67.40	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)												
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02623	+	0.42013		0.00		From Utility		
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02623	+	0.42013		0.00		0.23350	=	0.67986
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	12.60		0.00				0.02623		0.42013		(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4492	+	3.62550		0.00		From Utility		
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4492	+	2.70600		0.00		2.3350	=	6.4097
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4492	+	2.53440		0.00		2.3350	=	5.4902
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0144	+	2.53440		0.00		2.3350	=	5.3186
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4492		1.2162		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4492		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4492		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-14.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2020 billing month. Per U-20372. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								December 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 2		See note 3	See note 5			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	12.25	1.85	0.02799	+	0.36930	+	0.04200	0.00000	From Utility
Residential Multi Family Rate 2A Class 1	12.25	9.35	0.02503	+	0.36930	+	0.04200	0.00000	0.24600 = 0.68529
Residential Multi Family Rate 2A Class 2	32.00	9.35	0.02503	+	0.36930	+	0.04200	0.00000	0.24600 = 0.68233
Customer Choice									From Others
alternative suppliers	(see above)			(see above)	+	0.04200	(see above)		per contract
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	32.00	6.48	0.2503	+	3.4909	+	0.42000	0.0000	From Utility
Rate GS-2 (<100,000 Mcf)	700.00	6.48	0.2503	+	2.9183	+	0.42000	0.0000	2.4600 = 6.6212
Rate GS-2 (>100,000 Mcf)	700.00	6.48	0.0211	+	2.9183	+	0.42000	0.0000	2.4600 = 6.0486
Rate S	200.00	74.81	0.2503	+	2.2720	+	0.42000	0.0000	2.4600 = 5.8194
Customer Choice									From Others
alternative suppliers	(see above)			(see above)			(see above)		per contract
Transportation									
Rate ST (cost based rate)	2,600.00	317.29	0.00211		1.2902		0.0000		From Others
Maximum (optional)	2,600.00	317.29	0.00211		2.3504		0.0000		per contract
Minimum (optional)	2,600.00	317.29	0.00211		0.2300		0.0000		per contract
Rate LT (cost based rate)	6,500.00	1461.58	0.00211		0.7637		0.0000		per contract
Maximum (optional)	6,500.00	1461.58	0.00211		1.2974		0.0000		per contract
Minimum (optional)	6,500.00	1461.58	0.00211		0.2300		0.0000		per contract
Rate XLT (cost based rate)	14,000.00	6,000.00	0.00211		0.5777		0.0000		per contract
Maximum (optional)	14,000.00	6,000.00	0.00211		0.9754		0.0000		per contract
Minimum (optional)	14,000.00	6,000.00	0.00211		0.1800		0.0000		per contract
Rate XXL (cost based rate)	145,000.00	62,221.00	0.00211		0.1401		0.0000		per contract
Maximum (optional)	145,000.00	62,221.00	0.00211		0.9754		0.0000		per contract
Minimum (optional)	145,000.00	62,221.00	0.00211		0.0500		0.0000		per contract
EUT Exploratory Program			0.00108						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	1.00 min*				*see E-17.01				
Load Balancing Storage Charge	47.00				.0470/cubic foot				
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.									
Note 2: Effective for a period commencing on December 1, 2020 and ending December 31, 2021									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Selected low income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

December 1, 2020

		Customer Charge	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge			Total Charge
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)		
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.00	0.03761	0.22451	+(0.23064	+ 0.10000	= 0.33064)= 0.59276
<u>Customer Choice-Residential alternative suppliers</u>		12.25			0.22451	From Others	Balancing and Demand Charge	
						+ per contract	+ 0.10000	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)		
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1) (0-9 Dth)		15.00	0.00	2.9546	1.9556	+(2.30640	+ 1.0000	+ 3.3064)= 8.21660
	(>9 Dth)			0.0001	1.9556	2.30640	1.0000	3.3064 5.26210
General Service (GS-2) (0-9 Dth)		38.80	0.00	2.9546	1.5226	+(2.30640	+ 1.0000	+ 3.3064)= 7.78360
	(>9 Dth)			0.0001	1.5226	2.30640	1.0000	3.3064 4.82910
General Service (GS-3) (0-9 Dth)		116.20	0.00	2.9546	1.1966	+(2.30640	+ 1.0000	+ 3.3064)= 7.45760
	(>9 Dth)			0.0001	1.1966	2.30640	1.0000	3.3064 4.50310
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	Distribution Charge	From Others	Balancing and Demand Charge
						+ per contract	+ 1.00000	
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge	Remote Meter Charge (\$/month)	From Others	Distribution Charge	Firm Balancing Charge
TR-1 (0-2500 Dth)		350.00	0.00	\$/Dth 0.13890	75.00	per contract	\$/Dth 1.0334	\$/Dth 0.0344
	(>2500 Dth)			0.0001			1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	0.00	0.13890	75.00	per contract	0.8563	0.0344
	(>2500 Dth)			0.0001			0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	0.00	0.13890	75.00	per contract	0.4669	0.0344
	(>2500 Dth)			0.0001			0.4669	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after October 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.[Rates at semcoenergy.com](https://www.semcoenergy.com)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.34809	= 0.4416
Seasonal	10.00	0.09664	+ -0.00310	0.34809	= 0.4416
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.19	0.8514	+ -0.03100	3.4809	= 4.3013
Small Seasonal	18.38	0.8514	+ -0.03100	3.4809	= 4.3013
Large	95.98	0.6214	+ -0.03100	3.4809	= 4.0713
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.28972	= 0.5062
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.8972	= 4.4335
Firm (304)	421.99	1.7500	+ -0.1240	2.8972	= 4.5232
Interruptible (303)	107.01	0.6400	+ -0.1240	2.8972	= 3.4132
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case.**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2020

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.3237	2.4945 /Mcf	U-20541
DTE Gas Company	Unchanged	2.4600	2.4600 /Mcf	U-20543
Michigan Gas Utilities Corp	Decrease	3.0156	3.0156 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	3.3064	3.3064 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.4098	3.4098 /Dth	U-20539
Xcel Energy	Unchanged	2.8972	2.8972 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2020

Calendar Year of GCR Factors

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.3260	2.2650	2.3710	2.4867	2.3237		/Mcf
-U-20541 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.5341	2.4945		/Mcf
DTE Gas Company							
- As Currently Billed	2.4300	2.4300	2.4300	2.4600	2.4600		/Mcf
-U-20543- As Filed or As Ordered	2.4300	2.4300	2.4300	2.4600	2.4600		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.8336	3.0156	3.0156	3.0626	3.0156		/Mcf
-U-20545- As Filed or as Ordered	3.0156	3.0156	3.0156	3.0156	3.0156		/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	3.0300	3.0300	3.2000	3.2781	3.3064		/Dth
-U-20551 - As Filed or as Ordered	3.2281	3.2281	3.2281	3.2781	3.3064		/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.6514	3.4184	2.2719	3.4184	3.4098		/Dth
-U-20539 - As Filed or As Ordered	3.4184	3.4184	3.4184	3.4184	3.4098		/Dth
Xcel Energy							
- As Currently Billed	2.5184	2.5184	2.5184	2.8972	2.8972		/Dth
-U-20547 - As Filed or as Ordered	2.5500	2.5500	2.5500	2.8972	2.8972		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	12.60	0.44636	+ 0.23237	= 0.67873	\$80.47	20%
DTE Gas Company	13.91	0.43133	+ 0.24600	= 0.67733	\$81.64	21%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30156	= 0.46533	\$59.53	-11%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.26212	+ 0.33064	= 0.59276	\$71.53	6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.34098	= 0.43452	\$48.45	-28%
Xcel Energy	11.00	0.21645	+ 0.28972	= 0.50617	\$61.62	-8%
AVERAGE RATE	11.29	0.26893	+ 0.29021	= 0.41936	\$67.21	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2020

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6 (volumetric charges in \$/ccf)		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02623	+	0.42013		0.00		From Utility 0.23237	=	0.67873
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02623	+	0.42013		0.00		0.23237	=	0.67873
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	12.60		0.00				0.02623		0.42013		(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4492	+	3.62550		0.00		From Utility 2.3237	=	6.3984
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4492	+	2.70600		0.00		2.3237	=	5.4789
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4492	+	2.53440		0.00		2.3237	=	5.3073
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0144	+	2.53440		0.00		2.3237	=	4.8725
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
(volumetric charges in \$/Mcf)															
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4492		1.2162		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4492		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4492		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-14.00 (\$/luminaire)															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2020 billing month. Per U-20372. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								November 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 2		See note 3	See note 5			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	12.25	1.85	0.02003 +	0.36930 +	0.04200	0.00000	0.24600	=	0.67733
Residential Multi Family Rate 2A Class 1	12.25	9.35 +	0.01445 +	0.36930 +	0.04200	0.00000	0.24600	=	0.67175
Residential Multi Family Rate 2A Class 2	32.00	9.35	0.01445 +	0.36930 +	0.04200	0.00000	0.24600	=	0.67175
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)	+ 0.04200	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	32.00	6.48	0.1445 +	3.4909 +	0.42000	0.0000	2.4600	=	6.5154
Rate GS-2 (<100,000 Mcf)	700.00	6.48	0.1445 +	2.9183 +	0.42000	0.0000	2.4600	=	5.9428
Rate GS-2 (>100,000 Mcf)	700.00	6.48	0.0143 +	2.9183 +	0.42000	0.0000	2.4600	=	5.8126
Rate S	200.00	74.81	0.1445 +	2.2720 +	0.42000	0.0000	2.4600	=	5.2965
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,600.00	317.29	0.0143	1.2902		0.0000	per contract		
Maximum (optional)	2,600.00	317.29	0.0143	2.3504		0.0000	per contract		
Minimum (optional)	2,600.00	317.29	0.0143	0.2300		0.0000	per contract		
Rate LT (cost based rate)	6,500.00	1461.58	0.0143	0.7637		0.0000	per contract		
Maximum (optional)	6,500.00	1461.58	0.0143	1.2974		0.0000	per contract		
Minimum (optional)	6,500.00	1461.58	0.0143	0.2300		0.0000	per contract		
Rate XLT (cost based rate)	14,000.00	6,000.00	0.0143	0.5777		0.0000	per contract		
Maximum (optional)	14,000.00	6,000.00	0.0143	0.9754		0.0000	per contract		
Minimum (optional)	14,000.00	6,000.00	0.0143	0.1800		0.0000	per contract		
Rate XXLT (cost based rate)	145,000.00	62,221.00	0.0143	0.1401		0.0000	per contract		
Maximum (optional)	145,000.00	62,221.00	0.0143	0.9754		0.0000	per contract		
Minimum (optional)	145,000.00	62,221.00	0.0143	0.0500		0.0000	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge	1.00 min*			*see E-17.01					
Load Balancing Storage Charge	47.00			.0470/cubic foot					
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.									
Note 2: Effective for bills rendered on and after February 1, 2020									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.									
Rates at utilities.dteenergy.com (PDF version)									
Understanding your bill at dteenergy.com									
Rates Reference:	see	Rate Books		for more details					

MICHIGAN GAS UTILITIES CORP.									
November 1, 2020									
	Customer Charge	EWB Surcharge	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	Total Vol Charge			
		see note 1	see note 2		see note 4				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.24220	+ 0.05936	= 0.30156	= 0.46533
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.24220	+ 0.05936	= 0.30156	= 0.44996
Customer Choice-Residential						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)	N/A		-0.01757	+ per contract	+ 0.05936		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.56	0.07900	1.58700	-0.10260	+(2.4220	+ 0.5936	= 3.0156	= 4.57900
Large General Service	425.00	156.40	0.07900	1.03220	-0.04640	+(2.4220	+ 0.5936	= 3.0156	= 4.08040
GasLight Rate-Commercial		3.06	0.07900	1.58700	-0.10260	+(2.4220	+ 0.5936	= 3.0156	= 4.57900
Customer Choice-Comm. & Ind.						From Others	Reservation Charge		
alternative suppliers	(see above)	(see above)			(see above)	+ per contract	+ 0.5936		
Transportation	\$/mo								
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430 Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 3: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 4: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020 Customer Attachment Program surcharges are in addition to rates above Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

November 1, 2020

		Customer Charge	Rider MRP Charge see note 2	EW R Charge see note 1	Distribution Charge				Total Charge
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.00	0.03761	0.22451	+(0.23064	+ 0.10000	= 0.33064	: 0.59276
<u>Customer Choice-Residential alternative suppliers</u>		12.25			0.22451	+ From Others	+ Balancing and Demand Charge		
						+ per contract	+ 0.10000		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	15.00	0.00	2.9546	1.9556	+(2.30640	+ 1.0000	+ 3.3064	: 8.21660
	(>9 Dth)			0.0001	1.9556	2.30640	1.0000	3.3064	5.26210
General Service (GS-2)	(0-9 Dth)	38.80	0.00	2.9546	1.5226	+(2.30640	+ 1.0000	+ 3.3064	: 7.78360
	(>9 Dth)			0.0001	1.5226	2.30640	1.0000	3.3064	4.82910
General Service (GS-3)	(0-9 Dth)	116.20	0.00	2.9546	1.1966	+(2.30640	+ 1.0000	+ 3.3064	: 7.45760
	(>9 Dth)			0.0001	1.1966	2.30640	1.0000	3.3064	4.50310
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	Distribution Charge	From Others	Balancing and Demand Charge	
						+ per contract	+ 1.00000		
Transportation		Customer Charge (\$/month)	MRP Charge	EW R Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)	
TR-1	(0-2500 Dth)	350.00	0.00	0.13890	75.00	per contract	1.0334	0.0344	
	(>2500 Dth)			0.0001			1.0334	0.0344	
TR-2	(0-2500 Dth)	1,089.15	0.00	0.13890	75.00	per contract	0.8563	0.0344	
	(>2500 Dth)			0.0001			0.8563	0.0344	
TR-3	(0-2500 Dth)	10,831.50	0.00	0.13890	75.00	per contract	0.4669	0.0344	
	(>2500 Dth)			0.0001			0.4669	0.0344	

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after October 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.34098	= 0.4345
Seasonal	10.00	0.09664	+ -0.00310	0.34098	= 0.4345
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.19	0.8514	+ -0.03100	3.4098	= 4.2302
Small Seasonal	18.38	0.8514	+ -0.03100	3.4098	= 4.2302
Large	95.98	0.6214	+ -0.03100	3.4098	= 4.0002
Rates Reference: See Rate Books for more details					

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.28972	= 0.5062
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.8972	= 4.4335
Firm (304)	421.99	1.7500	+ -0.1240	2.8972	= 4.5232
Interruptible (303)	107.01	0.6400	+ -0.1240	2.8972	= 3.4132
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference:

[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312**AMERIGAS EAGLE PROPANE L.P.**[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223
Rate Information at minnesotaenergyresources.com		

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.4867	2.5341 /Mcf	U-20541
DTE Gas Company	<i>Increase</i>	2.4600	2.4600 /Mcf	U-20543
Michigan Gas Utilities Corp	<i>Increase</i>	3.0626	3.0626 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	3.2781	3.2781 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	3.4184	3.4184 /Dth	U-20539
Xcel Energy	<i>Increase</i>	2.8972	2.8972 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2020

Calendar Year of GCR Factors

	Jan-20 \$/unit	Feb-20 \$/unit	Mar-20 \$/unit	Apr-20 \$/unit	May-20 \$/unit	Jun-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or as Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

October 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.3260	2.2650	2.3710	2.4867			/Mcf
-U-20233 - As Filed or as Ordered	2.4945	2.4945	2.4945	2.5341			/Mcf
DTE Gas Company							
- As Currently Billed	2.4300	2.4300	2.4300	2.4600			/Mcf
-U-20235- As Filed or as Ordered	2.4300	2.4300	2.4300	2.4600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.8336	3.0156	3.0156	3.0626			/Mcf
-U-20239- As Filed or as Ordered	3.0156	3.0156	3.0156	3.0156			/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	3.0300	3.0300	3.2000	3.2781			/Dth
-U-20245 - As Filed or as Ordered	3.2281	3.2281	3.2281	3.2781			/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.6514	3.4184	2.2719	3.4184			/Dth
-U-20539 - As Filed or As Ordered	3.4184	3.4184	3.4184	3.4184			/Dth
Xcel Energy							
- As Currently Billed	2.5184	2.5184	2.5184	2.8972			/Dth
-U-20241 - As Filed or as Ordered	2.5500	2.5500	2.5500	2.8972			/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	12.60	0.44636	+ 0.24867	= 0.69503	\$82.10	22%
DTE Gas Company	13.91	0.43133	+ 0.24600	= 0.67733	\$81.64	21%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30626	= 0.47003	\$60.00	-11%
Presque Isle E. & G. Coop.		(Rates set by local government regulation, not by the MPSC)				
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.26212	+ 0.32781	= 0.58993	\$71.24	6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.34184	= 0.43538	\$48.54	-28%
Xcel Energy	11.00	0.21645	+ 0.28972	= 0.50617	\$61.62	-9%
AVERAGE RATE	11.29	0.26893	+ 0.29338	= 0.42173	\$67.52	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	12.60	+	0.00	+	0.00	+	0.02623	+	0.42013		0.00		0.24867	=	0.69503
Rate A-1 Residential Multi-Family	12.60	+	0.00	+	0.00	+	0.02623	+	0.42013		0.00		0.24867	=	0.69503
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	12.60		0.00				0.02623		0.42013		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	15.00		0.00		0.00	+	0.4492	+	3.62550		0.00		2.4867	=	6.5614
General Service - Rate GS-2	91.63		0.00		0.00	+	0.4492	+	2.70600		0.00		2.4867	=	5.6419
General Service - Rate GS-3 (0-100,000 Year)	234.57		0.00		0.00	+	0.4492	+	2.53440		0.00		2.4867	=	5.4703
General Service - Rate GS-3 (>100,000 Year)	234.57		0.00		0.00	+	0.0144	+	2.53440		0.00		2.4867	=	5.0355
Customer Choice															
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		From Others		
													per contract		
Transportation													From Others		
							(volumetric charges in \$/Mcf)						per contract		
Rate ST Cost Based Rate (0-100,000 Year)	890.85		0.00		0.00		0.4492		1.2162		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	890.85		0.00		0.00		0.0033		1.2162		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	1584.04		0.00		0.00		0.4492		1.1330		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	1584.04		0.00		0.00		0.0033		1.1330		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	15876.55		0.00		0.00		0.4492		0.7900		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	44381.36		0.00		0.00		0.0033		0.4375		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-14.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	5.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	9.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2020 billing month. Per U-20372. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2020 per U-20650

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							October 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge
	See note 4	See note 1	See note 2		See note 3	See note 5		
	(\$/month)			(volumetric charges in \$/Ccf)				
RESIDENTIAL SERVICE								
Sales								
Residential Service - Rate A (old 2) (Note 2)	12.25	1.85	0.02003	+	0.36930	+	0.04200	0.00000
Residential Multi Family Rate 2A Class 1	12.25	9.35	+	0.01445	+	0.36930	+	0.04200
Residential Multi Family Rate 2A Class 2	32.00	9.35	0.01445	+	0.36930	+	0.04200	0.00000
<u>Customer Choice</u>								From Utility
<u>alternative suppliers</u>	(see above)			(see above)	+	0.04200	(see above)	0.24600 = 0.67733
								0.24600 = 0.67175
								0.24600 = 0.67175
								From Others
								per contract
COMMERCIAL & INDUSTRIAL SERVICE								
	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales								
Rate GS-1	32.00	6.48	0.1445	+	3.4909	+	0.42000	0.0000
Rate GS-2 (<100,000 Mcf)	700.00	6.48	0.1445	+	2.9183	+	0.42000	0.0000
Rate GS-2 (>100,000 Mcf)	700.00	6.48	0.0143	+	2.9183	+	0.42000	0.0000
Rate S	200.00	74.81	0.1445	+	2.2720	+	0.42000	0.0000
<u>Customer Choice</u>								From Utility
<u>alternative suppliers</u>	(see above)			(see above)		(see above)		2.4600 = 6.5154
Transportation								
Rate ST (cost based rate)	2,600.00	317.29	0.0143	1.2902		0.0000		per contract
Maximum (optional)	2,600.00	317.29	0.0143	2.3504		0.0000		per contract
Minimum (optional)	2,600.00	317.29	0.0143	0.2300		0.0000		per contract
Rate LT (cost based rate)	6,500.00	1461.58	0.0143	0.7637		0.0000		per contract
Maximum (optional)	6,500.00	1461.58	0.0143	1.2974		0.0000		per contract
Minimum (optional)	6,500.00	1461.58	0.0143	0.2300		0.0000		per contract
Rate XLT (cost based rate)	14,000.00	6,000.00	0.0143	0.5777		0.0000		per contract
Maximum (optional)	14,000.00	6,000.00	0.0143	0.9754		0.0000		per contract
Minimum (optional)	14,000.00	6,000.00	0.0143	0.1800		0.0000		per contract
Rate XXL (cost based rate)	145,000.00	62,221.00	0.0143	0.1401		0.0000		per contract
Maximum (optional)	145,000.00	62,221.00	0.0143	0.9754		0.0000		per contract
Minimum (optional)	145,000.00	62,221.00	0.0143	0.0500		0.0000		per contract
EUT Exploratory Program			0.0074					
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge	1.00 min*			*see E-17.01				
Load Balancing Storage Charge	47.00			.0470/cubic foot				
Note 1: Effective January 2021, customers pay the IRM surcharge per U-20642. Changes each January 1st.								
Note 2: Effective for bills rendered on and after February 1, 2020								
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019								
Note 4: Selected low Income customers on Rates A & AS receive a \$12.25 RIA credit or \$30.00 LIA credit per month year round								
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019 - Removed effective October 2020.								
Rates at utilities.dteenergy.com (PDF version)								
My.dteenergy.com for understanding your bill								
Rates Reference: see Rate Books for more details								

MICHIGAN GAS UTILITIES CORP.									
									October 1, 2020
	Customer Charge	EWRSurcharge	Gas Supply Acquisition	Distribution Charge	TCJASurcharge			Total Vol Charge	
		see note 1	see note 2		see note 4	see note 3			
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01537	0.00790	0.15871	-0.01821	+(0.24690	+ 0.05936	= 0.30626	= 0.47003
Gas Light Rate-Residential			0.00790	0.15871	-0.01821	+(0.24690	+ 0.05936	= 0.30626	= 0.45466
Customer Choice-Residential alternative suppliers	(see above)	(see above)	N/A			From Others	Reservation Charge		
					-0.01757	+ per contract	+ 0.05936		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	35.00	4.56	0.07900	1.58700	-0.10260	+(2.4690	+ 0.5936	= 3.0626	= 4.62600
Large General Service	425.00	156.40	0.07900	1.03220	-0.04640	+(2.4690	+ 0.5936	= 3.0626	= 4.12740
GasLight Rate-Commercial		3.06	0.07900	1.58700	-0.10260	+(2.4690	+ 0.5936	= 3.0626	= 4.62600
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge		
					(see above)	+ per contract	+ 0.59360		
	Customer Charge	EO Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation	\$/mo								
TR-1	850.00	41.33	0.7777	0.6277	-0.03970				
TR-2	2,250.00	154.78	0.4796	0.3296	-0.03140				
TR-3	3,050.00	1013.65	0.4651	0.3151	-0.03180				
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430 Note 2: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 3: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 4: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020 Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

October 1, 2020

		Customer Charge	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge			Total Charge
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)		
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.00	0.03761	0.22451	+(0.22781	+ 0.10000	= 0.32781
								): 0.58993
Customer Choice-Residential alternative suppliers		12.25			0.22451	+ From Others	+ Balancing and Demand Charge	
						+ per contract	+ 0.10000	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)		
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1) (0-9 Dth)		15.00	0.00	2.9546	1.9556	+(2.27810	+ 1.0000	+ 3.2781
	(>9 Dth)			0.0001	1.9556	2.27810	1.0000	3.2781
General Service (GS-2) (0-9 Dth)		38.80	0.00	2.9546	1.5226	+(2.27810	+ 1.0000	+ 3.2781
	(>9 Dth)			0.0001	1.5226	2.27810	1.0000	3.2781
General Service (GS-3) (0-9 Dth)		116.20	0.00	2.9546	1.1966	+(2.27810	+ 1.0000	+ 3.2781
	(>9 Dth)			0.0001	1.1966	2.27810	1.0000	3.2781
								4.47480
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge	
						+ per contract	+ 1.00000	
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge (\$/Dth)	Remote Meter Charge (\$/month)	From Others	Distribution Charge (\$/Dth)	Firm Balancing Charge (\$/Dth)
TR-1 (0-2500 Dth)		350.00	0.00	0.13890	75.00	per contract	1.0334	0.0344
	(>2500 Dth)			0.0001			1.0334	0.0344
TR-2 (0-2500 Dth)		1,089.15	0.00	0.13890	75.00	per contract	0.8563	0.0344
	(>2500 Dth)			0.0001			0.8563	0.0344
TR-3 (0-2500 Dth)		10,831.50	0.00	0.13890	75.00	per contract	0.4669	0.0344
	(>2500 Dth)			0.0001			0.4669	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after October 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.[Rates at semcoenergy.com](#)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 1)	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.34184	= 4.2354
Seasonal	10.00	0.09664	+ -0.00310	0.34184	= 4.2354
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.19	0.8514	+ -0.03100	3.4184	= 4.2388
Small Seasonal	18.38	0.8514	+ -0.03100	3.4184	= 4.2388
Large	95.98	0.6214	+ -0.03100	3.4184	= 4.0088
Rates Reference:	see	Rate Books	for more details		

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Note 2)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.28972	= 0.5062
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.8972	= 4.4335
Firm (304)	421.99	1.7500	+ -0.1240	2.8972	= 4.5232
Interruptible (303)	107.01	0.6400	+ -0.1240	2.8972	= 3.4132
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)**Note 1:** UMERC Credit C removed July 2020. TCJA in effect until next general rate case**Note 2:** Xcel Credit C effective beginning January 2020 per U-20312**AMERIGAS EAGLE PROPANE L.P.**[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Monthly Charge	Distribution Charge	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223	

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.3710	2.4945 /Mcf	U-20541
DTE Gas Company	<i>Unchanged</i>	2.4300	2.4300 /Mcf	U-20543
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.0156	3.0156 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	3.2000	3.2281 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	2.2719	3.4184 /Dth	U-20539
Xcel Energy	<i>Unchanged</i>	2.5184	2.5500 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2020

Calendar Year of GCR Factors

	Jan-20 \$/unit	Feb-20 \$/unit	Mar-20 \$/unit	Apr-20 \$/unit	May-20 \$/unit	Jun-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or as Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

September 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.3260	2.2650	2.3710				/Mcf
-U-20233 - As Filed or as Ordered	2.4945	2.4945	2.4945				/Mcf
DTE Gas Company							
- As Currently Billed	2.4300	2.4300	2.4300				/Mcf
-U-20235- As Filed or As Ordered	2.4300	2.4300	2.4300				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.8336	3.0156	3.0156				/Mcf
-U-20239- As Filed or as Ordered	3.0156	3.0156	3.0156				/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	3.0300	3.0300	3.2000				/Dth
-U-20245 - As Filed or as Ordered	3.2281	3.2281	3.2281				/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.6514	3.4184	2.2719				/Dth
-U-20539 - As Filed or As Ordered	3.4184	3.4184	3.4184				/Dth
Xcel Energy							
- As Currently Billed	2.5184	2.5184	2.5184				/Dth
-U-20241 - As Filed or as Ordered	2.5500	2.5500	2.5500				/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.38762	+ 0.23710	= 0.62472	\$74.22	19%
DTE Gas Company	12.91	0.39310	+ 0.24300	= 0.63610	\$76.52	22%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30156	= 0.46533	\$59.53	-5%
Presque Isle E. & G. Coop.						
(Rates set by local government regulation, not by the MPSC)						
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25459	+ 0.32000	= 0.57459	\$69.71	12%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09354	+ 0.22719	= 0.32073	\$37.07	-41%
Xcel Energy	11.00	0.21645	+ 0.25184	= 0.46829	\$57.83	-7%
AVERAGE RATE	10.99	0.25151	+ 0.26345	= 0.38622	\$62.48	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2020

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02623	+	0.36139		0.00		From Utility 0.23710	=	0.62472
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02623	+	0.36139		0.00		0.23710	=	0.62472
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	11.75		0.00				0.02623		0.36139		(see above)		per contract * including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.4492	+	3.26370		0.00		From Utility 2.3710	=	6.0839
General Service - Rate GS-2	81.86		0.00		0.00	+	0.4492	+	2.44910		0.00		2.3710	=	5.2693
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.4492	+	1.96820		0.00		2.3710	=	4.7884
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0144	+	1.96820		0.00		2.3710	=	4.3536
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.4492		1.1487		0.00		From Others per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0033		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.4492		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0033		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.4492		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0033		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-12.00															
Outdoor Gas Light - Rate GL			(\$/luminaire)								(\$/luminaire)				
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2020 billing month. Per U-20372. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								September 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 2		See note 3	See note 5			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003 +	0.33683 +	0.04200	-0.00576	From Utility		
Residential Multi Family Rate 2A Class 1	11.25	9.35 +	0.01445 +	0.33683 +	0.04200	-0.00576	0.24300 =	0.63610	
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445 +	0.33683 +	0.04200	-0.00576	0.24300 =	0.63052	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above) +	0.04200	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445 +	2.7796 +	0.42000	-0.0083	From Utility		
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445 +	2.2919 +	0.42000	-0.0083	2.4300 =	5.7658	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143 +	2.2919 +	0.42000	-0.0083	2.4300 =	5.1479	
Rate S	200.00	74.81	0.1445 +	1.7987 +	0.42000	-0.0139	2.4300 =	4.7793	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143	0.9733		-0.0019	per contract		
Maximum (optional)	2,335.00	317.29	0.0143	1.7166		-0.0019	per contract		
Minimum (optional)	2,335.00	317.29	0.0143	0.2300		-0.0019	per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143	0.6615		-0.0019	per contract		
Maximum (optional)	4,775.00	1461.58	0.0143	1.0930		-0.0019	per contract		
Minimum (optional)	4,775.00	1461.58	0.0143	0.2300		-0.0019	per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143	0.5183		-0.0020	per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143	0.8567		-0.0020	per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143	0.1800		-0.0020	per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143	0.1483		-0.0019	per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143	0.8567		-0.0019	per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143	0.0500		-0.0019	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge				*see E-17.01					
Load Balancing Storage Charge				0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 2: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

SEMCO ENERGY GAS COMPANY							September 1, 2020	
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge		Total Charge	
			see note 2	see note 1				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)		
Sales						Gas Costs From Utility	Balancing and Demand Charge	
Residential Service		12.25	0.00	0.03008	0.22451	+(0.22000	+ 0.10000 = 0.32000)= 0.57459	

OTHER MICHIGAN-PSC REGULATED

September 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09664	+ -0.00310	0.22719	= 0.3207
Seasonal	10.00	0.09664	+ -0.00310	0.22719	= 0.3207
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.19	0.8514	+ -0.03100	2.2719	= 3.0923
Small Seasonal	18.38	0.8514	+ -0.03100	2.2719	= 3.0923
Large	95.98	0.6214	+ -0.03100	2.2719	= 2.8623
Rates Reference:	see	Rate Books for more details			

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.22387	+ -0.00742	0.25184	= 0.4683
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)
Sales				From Utility	
Firm (302)	24.63	1.7500	+ -0.2137	2.5184	= 4.0547
Firm (304)	421.99	1.7500	+ -0.1240	2.5184	= 4.1444
Interruptible (303)	107.01	0.6400	+ -0.1240	2.5184	= 3.0344
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	77.63	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; UMER Credit C January 2020.

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.2650	2.4945 /Mcf	U-20541
DTE Gas Company	Unchanged	2.4300	2.4300 /Mcf	U-20543
Michigan Gas Utilities Corp	Increase	3.0156	3.0156 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	3.0300	3.2281 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.4184	3.4184 /Dth	U-20539
Xcel Energy	Unchanged	2.5184	2.5500 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2020

Calendar Year of GCR Factors

	Jan-20 \$/unit	Feb-20 \$/unit	Mar-20 \$/unit	Apr-20 \$/unit	May-20 \$/unit	Jun-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or as Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

August 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.3260	2.2650					/Mcf
-U-20233 - As Filed or as Ordered	2.4945	2.4945					/Mcf
DTE Gas Company							
- As Currently Billed	2.4300	2.4300					/Mcf
-U-20235- As Filed or As Ordered	2.4300	2.4300					/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.8336	3.0156					/Mcf
-U-20239- As Filed or as Ordered	3.0156	3.0156					/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	3.0300	3.0300					/Dth
-U-20245 - As Filed or as Ordered	3.2281	3.2281					/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.6514	3.4184					/Dth
-U-20539 - As Filed or As Ordered	3.4184	3.4184					/Dth
Xcel Energy							
- As Currently Billed	2.5184	2.5184					/Dth
-U-20241 - As Filed or as Ordered	2.5500	2.5500					/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	11.75	0.38762	+ 0.22650	= 0.61412	\$73.16	14%
DTE Gas Company	12.91	0.39310	+ 0.24300	= 0.63610	\$76.52	19%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.30156	= 0.46533	\$59.53	-7%
Presque Isle E. & G. Coop.			(Rates set by local government regulation, not by the MPSC)			
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.30300	= 0.56132	\$68.38	7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.34184	= 0.43618	\$48.62	-24%
Xcel Energy	11.00	0.22698	+ 0.25184	= 0.47882	\$58.88	-8%
AVERAGE RATE	10.99	0.25402	+ 0.27796	= 0.39898	\$64.18	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4 (\$/month)		see note 5		see note 2		see note 3		see note 6				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02623	+	0.36139		0.00		0.22650	=	0.61412
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02623	+	0.36139		0.00		0.22650	=	0.61412
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
<u>Customer Choice</u>															
<u>alternative suppliers</u>	11.75		0.00				0.02623		0.36139		(see above)			From Others	
														per contract	
														* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.4492	+	3.26370		0.00		2.2650	=	5.9779
General Service - Rate GS-2	81.86		0.00		0.00	+	0.4492	+	2.44910		0.00		2.2650	=	5.1633
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.4492	+	1.96820		0.00		2.2650	=	4.6824
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0144	+	1.96820		0.00		2.2650	=	4.2476
<u>Customer Choice</u>														From Others	
<u>alternative suppliers</u>	(see above)		(see above)						(see above)		(see above)			per contract	
Transportation															
							(volumetric charges in \$/Mcf)							From Others	
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.4492		1.1487		0.00			per contract	
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0033		1.1487		0.00			per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.4492		0.9265		0.00			per contract	
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0033		0.9265		0.00			per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.4492		0.7719		0.00			per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0033		0.4350		0.00			per contract	
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000			per contract	
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2020 billing month. Per U-20372. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books

DTE GAS COMPANY								August 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 2		See note 3	See note 5			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003 +	0.33683 +	0.04200	-0.00576	From Utility		
Residential Multi Family Rate 2A Class 1	11.25	9.35 +	0.01445 +	0.33683 +	0.04200	-0.00576	0.24300 =	0.63610	
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445 +	0.33683 +	0.04200	-0.00576	0.24300 =	0.63052	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above) +	0.04200	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445 +	2.7796 +	0.42000	-0.0083	From Utility		
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445 +	2.2919 +	0.42000	-0.0083	2.4300 =	5.2781	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143 +	2.2919 +	0.42000	-0.0083	2.4300 =	5.1479	
Rate S	200.00	74.81	0.1445 +	1.7987 +	0.42000	-0.0139	2.4300 =	4.7793	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143	0.9733		-0.0019	per contract		
Maximum (optional)	2,335.00	317.29	0.0143	1.7166		-0.0019	per contract		
Minimum (optional)	2,335.00	317.29	0.0143	0.2300		-0.0019	per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143	0.6615		-0.0019	per contract		
Maximum (optional)	4,775.00	1461.58	0.0143	1.0930		-0.0019	per contract		
Minimum (optional)	4,775.00	1461.58	0.0143	0.2300		-0.0019	per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143	0.5183		-0.0020	per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143	0.8567		-0.0020	per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143	0.1800		-0.0020	per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143	0.1483		-0.0019	per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143	0.8567		-0.0019	per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143	0.0500		-0.0019	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge				*see E-17.01					
Load Balancing Storage Charge				0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 2: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

SEMCO ENERGY GAS COMPANY

August 1, 2020

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge			Total Charge
		see note 2		see note 1				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)		
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.00	0.03381	0.22451	+(0.20300	+ 0.10000	= 0.30300)= 0.56132

OTHER MICHIGAN-PSC REGULATED

August 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.34184	= 0.4362
Seasonal	10.00	0.09744	+ -0.00310	0.34184	= 0.4362
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	3.4184	= 4.2388
Small Seasonal	18.62	0.8514	+ -0.03100	3.4184	= 4.2388
Large	98.96	0.6214	+ -0.03100	3.4184	= 4.0088
Rates Reference:	see	Rate Books	for more details		

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.25184	= 0.4788
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	2.5184	= 4.0547
Firm (304)	274.01	1.7500	+ -0.1240	2.5184	= 4.1444
Interruptible (303)	75.00	0.6400	+ -0.1240	2.5184	= 3.0344
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMERC Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2020

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.3260	2.4945 /Mcf	U-20541
DTE Gas Company	Unchanged	2.4300	2.4300 /Mcf	U-20543
Michigan Gas Utilities Corp	Increase	2.8336	3.0156 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	3.0300	3.2281 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	1.6514	3.4184 /Dth	U-20539
Xcel Energy	Increase	2.5184	2.5500 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2020

Calendar Year of GCR Factors

	Jan-20 \$/unit	Feb-20 \$/unit	Mar-20 \$/unit	Apr-20 \$/unit	May-20 \$/unit	Jun-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or as Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

July 1, 2020

Calendar Year of GCR Factors

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.3260						/Mcf
-U-20233 - As Filed or as Ordered	2.4945						/Mcf
DTE Gas Company							
- As Currently Billed	2.4300						/Mcf
-U-20235- As Filed or as Ordered	2.4300						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.8336						/Mcf
-U-20239- As Filed or as Ordered	3.0156						/Mcf
Presque Isle E. & G. Coop.							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	3.0300						/Dth
-U-20245 - As Filed or as Ordered	3.2281						/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	1.6514						/Dth
-U-20539 - As Filed or As Ordered	3.4184						/Dth
Xcel Energy							
- As Currently Billed	2.5184						/Dth
-U-20241 - As Filed or as Ordered	2.5500						/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	11.75	0.38742	+ 0.23260	= 0.62002	\$73.75	21%
DTE Gas Company	12.91	0.39310	+ 0.24300	= 0.63610	\$76.52	25%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.28336	= 0.44713	\$57.71	-5%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.30300	= 0.56132	\$68.38	12%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.16514	= 0.25948	\$30.95	-49%
Xcel Energy	11.00	0.22698	+ 0.25184	= 0.47882	\$58.88	-4%
AVERAGE RATE	10.99	0.25399	+ 0.24649	= 0.37536	\$61.03	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.23260	=	0.62002
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.23260	=	0.62002
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.00				0.02603		0.36139		(see above)			From Others	
														per contract	
														* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		2.3260	=	5.8964
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		2.3260	=	5.0818
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.96820		0.00		2.3260	=	4.6009
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.96820		0.00		2.3260	=	4.3044
Customer Choice														From Others	
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)			per contract	
Transportation															
							(volumetric charges in \$/Mcf)							From Others	
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00			per contract	
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00			per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00			per contract	
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00			per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00			per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00			per contract	
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000			per contract	
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365. TR customers >100,000/year receive opt-out surcharge.

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								July 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 4	See note 1	See note 2		See note 3	See note 5			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003 +	0.33683 +	0.04200	-0.00576	From Utility		
Residential Multi Family Rate 2A Class 1	11.25	9.35 +	0.01445 +	0.33683 +	0.04200	-0.00576	0.24300 =	0.63610	
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445 +	0.33683 +	0.04200	-0.00576	0.24300 =	0.63052	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above) +	0.04200	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445 +	2.7796 +	0.42000	-0.0083	From Utility		
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445 +	2.2919 +	0.42000	-0.0083	2.4300 =	5.7658	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143 +	2.2919 +	0.42000	-0.0083	2.4300 =	5.1479	
Rate S	200.00	74.81	0.1445 +	1.7987 +	0.42000	-0.0139	2.4300 =	4.7793	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143	0.9733		-0.0019	per contract		
Maximum (optional)	2,335.00	317.29	0.0143	1.7166		-0.0019	per contract		
Minimum (optional)	2,335.00	317.29	0.0143	0.2300		-0.0019	per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143	0.6615		-0.0019	per contract		
Maximum (optional)	4,775.00	1461.58	0.0143	1.0930		-0.0019	per contract		
Minimum (optional)	4,775.00	1461.58	0.0143	0.2300		-0.0019	per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143	0.5183		-0.0020	per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143	0.8567		-0.0020	per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143	0.1800		-0.0020	per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143	0.1483		-0.0019	per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143	0.8567		-0.0019	per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143	0.0500		-0.0019	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge				*see E-17.01					
Load Balancing Storage Charge				0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 2: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 3: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 4: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 5: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September 2019									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

SEMCO

SEMCO ENERGY GAS COMPANY										July 1, 2020	
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge					Total Charge	
		see note 2		see note 1							
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)					
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		12.25	0.00	0.03381	0.22451	+(0.20300	+ 0.10000	=	0.30300)= 0.56132	
Customer Choice-Residential alternative suppliers		12.25			0.22451	From Others per contract	Balancing and Demand Charge 0.10000				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)					
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
General Service (GS-1) (0-9 Dth)		15.00	0.00	2.3539	1.9556	+(2.03000	+ 1.0000	+	3.0300)= 7.33950	
				0.0001	1.9556	2.03000	1.0000		3.0300	4.98570	
General Service (GS-2) (0-9 Dth)		38.80	0.00	2.3539	1.5226	+(2.03000	+ 1.0000	+	3.0300)= 6.90650	
				0.0001	1.5226	2.03000	1.0000		3.0300	4.55270	
General Service (GS-3) (0-9 Dth)		116.20	0.00	2.3539	1.1966	+(2.03000	+ 1.0000	+	3.0300)= 6.58050	
				0.0001	1.1966	2.03000	1.0000		3.0300	4.22670	
Customer Choice-Comm. & Industrial alternative suppliers		(see above)		(see above)		Distribution Charge	From Others per contract	Balancing and Demand Charge 1.00000			
		Customer Charge	MRP Charge	EWR Charge	Remote Meter Charge	0.00000	From Others	Distribution Charge	Firm Balancing Charge		
Transportation		(\$/month)		(\$/month)							
TR-1 (0-2500 Dth)		350.00	0.00	0.14090	75.00	\$/Dth		\$/Dth	\$/Dth		
				0.0001		per contract	1.0334		0.0344		
TR-2 (0-2500 Dth)		1,089.15	0.00	0.14090	75.00	per contract	1.0334		0.0344		
				0.0001			0.8563		0.0344		
TR-3 (0-2500 Dth)		10,831.50	0.00	0.14090	75.00	per contract	0.8563		0.0344		
				0.0001			0.4669		0.0344		
							0.4669		0.0344		
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.											
Note 2: New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see Rate Books for more details											
surcharges are in addition to rates above											

OTHER MICHIGAN-PSC REGULATED

July 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.16514	= 0.2595
Seasonal	10.00	0.09744	+ -0.00310	0.16514	= 0.2595
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	1.6514	= 2.4718
Small Seasonal	18.62	0.8514	+ -0.03100	1.6514	= 2.4718
Large	98.96	0.6214	+ -0.03100	1.6514	= 2.2418
Rates Reference:	see	Rate Books	for more details		

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.25184	= 0.4788
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	2.5184	= 4.0547
Firm (304)	274.01	1.7500	+ -0.1240	2.5184	= 4.1444
Interruptible (303)	75.00	0.6400	+ -0.1240	2.5184	= 3.0344
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMERC Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2020

	Rate status change since last month	Factor Charged \$/unit	Maximum Filed or Ordered \$/unit	Order Reference case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.5341	2.5341 /Mcf	U-20541
DTE Gas Company	Increase	2.4300	2.4300 /Mcf	U-20543
Michigan Gas Utilities Corp	Unchanged	2.5936	3.1699 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Unchanged	3.0300	3.2281 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.1949	3.4184 /Dth	U-20539
Xcel Energy	Unchanged	2.3922	2.5500 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2020

Calendar Year of GCR Factors

	Jan-20 \$/unit	Feb-20 \$/unit	Mar-20 \$/unit	Apr-20 \$/unit	May-20 \$/unit	Jun-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170	2.5341	/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945	2.5341	/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000	2.4300	/Mcf
-U-20235- As Filed or as Ordered	2.8000	2.8000	2.8000	2.4300	2.4300	2.4300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936	2.5936	/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699	3.1699	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300	3.0300	/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814	3.2814	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387	3.1949	/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922	2.3922	/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500	2.5500	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2020

Calendar Year of GCR Factors

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20233 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20235- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20239- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
-U-20243-As Filed or as Ordered							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20245 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20241 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	11.75	0.38742	+ 0.25341	= 0.64083	\$75.83	20%
DTE Gas Company	12.91	0.39310	+ 0.24300	= 0.63610	\$76.52	21%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.25936	= 0.42313	\$55.31	-13%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.30300	= 0.56132	\$68.38	8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09402	+ 0.31949	= 0.41351	\$46.35	-27%
Xcel Energy	11.00	0.22698	+ 0.23922	= 0.46620	\$57.62	-9%
AVERAGE RATE	10.99	0.25394	+ 0.26958	= 0.39264	\$63.34	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2020

	Customer Charge		IRM Surchage see note 4 (\$/month)		RDM Surchage see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surchage see note 6 (volumetric charges in \$/ccf)		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		From Utility 0.25341	=	0.64083
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.25341	=	0.64083
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	11.75		0.00				0.02603		0.36139		(see above)		per contract		
* including EO Surchage (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		From Utility 2.5341	=	6.1045
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		2.5341	=	5.2899
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.96820		0.00		2.5341	=	4.8090
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.96820		0.00		2.5341	=	4.5125
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
(volumetric charges in \$/Mcf)															
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										June 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge			
	See note 5	See note 1	See note 3		See note 4	See note 7					
	(\$/month)				(volumetric charges in \$/Ccf)						
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003	+	0.33683	+	0.04200	-0.00576	From Utility	0.24300	= 0.63610
Residential Multi Family Rate 2A Class 1	11.25	9.35	+	0.01445	+	0.33683	+	0.04200	-0.00576	0.24300	= 0.63052
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445	+	0.33683	+	0.04200	-0.00576	0.24300	= 0.63052	
Customer Choice											
alternative suppliers	(see above)			(see above)	+	0.04200	(see above)		From Others		
									per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)				(volumetric charges in \$/Mcf metered)						
Sales											
Rate GS-1	31.00	6.48	0.1445	+	2.7796	+	0.42000	-0.0083	From Utility	2.4300	= 5.7658
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445	+	2.2919	+	0.42000	-0.0083	2.4300	= 5.2781	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143	+	2.2919	+	0.42000	-0.0083	2.4300	= 5.1479	
Rate S	200.00	74.81	0.1445	+	1.7987	+	0.42000	-0.0139	2.4300	= 4.7793	
Customer Choice											
alternative suppliers	(see above)			(see above)			(see above)		From Others		
									per contract		
Transportation											
Rate ST (cost based rate)	2,335.00	317.29	0.0143		0.9733		-0.0019		From Others		
Maximum (optional)	2,335.00	317.29	0.0143		1.7166		-0.0019		per contract		
Minimum (optional)	2,335.00	317.29	0.0143		0.2300		-0.0019		per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143		0.6615		-0.0019		per contract		
Maximum (optional)	4,775.00	1461.58	0.0143		1.0930		-0.0019		per contract		
Minimum (optional)	4,775.00	1461.58	0.0143		0.2300		-0.0019		per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143		0.5183		-0.0020		per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143		0.8567		-0.0020		per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143		0.1800		-0.0020		per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143		0.1483		-0.0019		per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143		0.8567		-0.0019		per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143		0.0500		-0.0019		per contract		
EUT Exploratory Program			0.0074								
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge					*see E-17.01						
Load Balancing Storage Charge					0.25/MMBtu						
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.											
Note 3: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.

June 1, 2020

	Customer Charge	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA			Total Vol Charge
		see note 1	see note 2	see note 3		see note 5		see note 4	
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)			
Sales							Gas Costs From Utility	Reservation Charge	GCRR Factor
Residential Service	13.00	0.01537	0.000000	0.00790	0.15871	-0.01821	+ 0.20000	+ 0.05936	= 0.25936
Gas Light Rate-Residential				0.00790	0.15871	-0.01821	+ 0.20000	+ 0.05936	= 0.25936
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.01757	+ per contract	+ 0.05936	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCRR Factor
Sales									
Small General Service	35.00	4.56	0.000000	0.07900	1.58700	-0.10260	+ 2.00000	+ 0.5936	= 2.5936
Large General Service	425.00	156.40		0.07900	1.03220	-0.04640	+ 2.00000	+ 0.5936	= 2.5936
GasLight Rate-Commercial		3.06		0.07900	1.58700	-0.10260	+ 2.00000	+ 0.5936	= 2.5936
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	+ per contract	+ 0.59360	
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation	\$/mo								
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			

Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430

Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed

Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.

Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020

Customer Attachment Program

Rates at michiganegasutilities.com

Understanding your bill at michiganegasutilities.com

Rate Books

SEMCO ENERGY GAS COMPANY

June 1, 2020

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge			Total Charge
			see note 2	see note 1				
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.00	0.03381	0.22451	+(0.20300	+ 0.10000	= 0.30300)= 0.56132
<u>Customer Choice-Residential alternative suppliers</u>		12.25			0.22451	+ From Others per contract	+ 0.10000	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1)	(0-9 Dth)	15.00	0.00	2.3539	1.9556	+(2.03000	+ 1.0000	+ 3.0300)= 7.33950
	(>9 Dth)			0.0001	1.9556	2.03000	1.0000	3.0300 4.98570
General Service (GS-2)	(0-9 Dth)	38.80	0.00	2.3539	1.5226	+(2.03000	+ 1.0000	+ 3.0300)= 6.90650
	(>9 Dth)			0.0001	1.5226	2.03000	1.0000	3.0300 4.55270
General Service (GS-3)	(0-9 Dth)	116.20	0.00	2.3539	1.1966	+(2.03000	+ 1.0000	+ 3.0300)= 6.58050
	(>9 Dth)			0.0001	1.1966	2.03000	1.0000	3.0300 4.22670
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ Distribution Charge	+ From Others per contract	+ 1.00000
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge	Remote Meter Charge (\$/month)	0.00000	From Others	Distribution Charge
TR-1	(0-2500 Dth)	350.00	0.00	0.14090	75.00	\$/Dth	per contract	1.0334 \$/Dth 0.0344
	(>2500 Dth)			0.0001				1.0334 0.0344
TR-2	(0-2500 Dth)	1,089.15	0.00	0.14090	75.00		per contract	0.8563 0.0344
	(>2500 Dth)			0.0001				0.8563 0.0344
TR-3	(0-2500 Dth)	10,831.50	0.00	0.14090	75.00		per contract	0.4669 0.0344
	(>2500 Dth)			0.0001				0.4669 0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.[Rates at semcoenergy.com](#)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00342	0.31949	= 0.4135
Seasonal	10.00	0.09744	+ -0.00342	0.31949	= 0.4135
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0342	3.1949	= 4.0121
Small Seasonal	18.62	0.8514	+ -0.0342	3.1949	= 4.0121
Large	98.96	0.6214	+ -0.0342	3.1949	= 3.7821
Rates Reference:	see	Rate Books	for more details		

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.23922	= 0.4662
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	2.3922	= 3.9285
Firm (304)	274.01	1.7500	+ -0.1240	2.3922	= 4.0182
Interruptible (303)	75.00	0.6400	+ -0.1240	2.3922	= 2.9082
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMERC Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.3170	2.4945 /Mcf	U-20541
DTE Gas Company	Unchanged	2.2000	2.4300 /Mcf	U-20543
Michigan Gas Utilities Corp	Decrease	2.5936	3.1699 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	Increase	3.0300	3.2814 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	2.8387	3.4184 /Dth	U-20539
Xcel Energy	Unchanged	2.3922	2.5500 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2020

Calendar Year of GCR Factors

	Jan-20 \$/unit	Feb-20 \$/unit	Mar-20 \$/unit	Apr-20 \$/unit	May-20 \$/unit	Jun-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620	2.3170		/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945	2.4945		/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000	2.2000		/Mcf
-U-20235- As Filed or as Ordered	2.8000	2.8000	2.8000	2.4300	2.4300		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699	2.5936		/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699	3.1699		/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800	3.0300		/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814	3.2814		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810	2.8387		/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184	3.4184		/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922	2.3922		/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500	2.5500		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20233 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20235- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20239- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
-U-20243-As Filed or as Ordered							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20245 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20241 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	11.75	0.38742	+ 0.23170	= 0.61912	\$73.66	19%
DTE Gas Company	12.91	0.38910	+ 0.22000	= 0.60910	\$73.82	19%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.25936	= 0.42313	\$55.31	-11%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.30300	= 0.56132	\$68.38	10%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09402	+ 0.28387	= 0.37789	\$42.79	-31%
Xcel Energy	11.00	0.22698	+ 0.23922	= 0.46620	\$57.62	-7%
AVERAGE RATE	10.99	0.25327	+ 0.25619	= 0.38210	\$61.93	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		From Utility		
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.23170	=	0.61912
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)													0.23170	=	0.61912
<u>Customer Choice</u>													From Others		
<u>alternative suppliers</u>	11.75		0.00				0.02603		0.36139		(see above)		per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		From Utility		
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		2.3170	=	5.0728
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.36820		0.00		2.3170	=	3.9919
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.36820		0.00		2.3170	=	3.6954
<u>Customer Choice</u>													From Others		
<u>alternative suppliers</u>	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-12.00															
			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books

DTE GAS COMPANY								May 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 5	See note 1	See note 3		See note 4	See note 7			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003 +	0.33683 +	0.03800	-0.00576	From Utility		
Residential Multi Family Rate 2A Class 1	11.25	9.35 +	0.01445 +	0.33683 +	0.03800	-0.00576	0.22000 =	0.60910	
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445 +	0.33683 +	0.03800	-0.00576	0.22000 =	0.60352	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above) +	0.03800	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445 +	2.7796 +	0.38000	-0.0083	From Utility		
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445 +	2.2919 +	0.38000	-0.0083	2.2000 =	5.4958	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143 +	2.2919 +	0.38000	-0.0083	2.2000 =	4.8779	
Rate S	200.00	74.81	0.1445 +	1.7987 +	0.38000	-0.0139	2.2000 =	4.5093	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143	0.9733		-0.0019	per contract		
Maximum (optional)	2,335.00	317.29	0.0143	1.7166		-0.0019	per contract		
Minimum (optional)	2,335.00	317.29	0.0143	0.2300		-0.0019	per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143	0.6615		-0.0019	per contract		
Maximum (optional)	4,775.00	1461.58	0.0143	1.0930		-0.0019	per contract		
Minimum (optional)	4,775.00	1461.58	0.0143	0.2300		-0.0019	per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143	0.5183		-0.0020	per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143	0.8567		-0.0020	per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143	0.1800		-0.0020	per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143	0.1483		-0.0019	per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143	0.8567		-0.0019	per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143	0.0500		-0.0019	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge				*see E-17.01					
Load Balancing Storage Charge				0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 3: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

MICHIGAN GAS UTILITIES CORP.									
May 1, 2020									
	Customer Charge	EWRSurcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJASurcharge	see note 4		
	see note 1	see note 2	see note 3	see note 5					Total Vol Charge
RESIDENTIAL SERVICE (\$/month) (volumetric charges in \$/Ccf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.01537	0.000000	0.00790	0.15871	-0.01821	0.20000	0.05936	= 0.25936
Gas Light Rate-Residential				0.00790	0.15871	-0.01821	0.20000	0.05936	= 0.25836
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.01757	per contract	0.05936	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month) (volumetric charges in \$/Mcf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	4.56	0.000000	0.07900	1.58700	-0.10260	2.0000	0.5936	= 2.5936
Large General Service	425.00	156.40		0.07900	1.03220	-0.04640	2.0000	0.5936	= 2.5936
GasLight Rate-Commercial		3.06		0.07900	1.58700	-0.10260	2.0000	0.5936	= 2.5936
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	per contract	0.59360	
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation									
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430 Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020 Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

May 1, 2020

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge			Total Charge
			see note 2	see note 1				
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.00	0.03381	0.22451	+(0.19417	+ 0.10883	= 0.30300
								): 0.56132
<u>Customer Choice-Residential alternative suppliers</u>		12.25			0.22451	From Others per contract	+ 0.10883	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1)	(0-9 Dth)	15.00	0.00	2.3539	1.9556	+(1.94170	+ 1.0883	+ 3.0300
	(>9 Dth)			0.0001	1.9556	1.94170	1.0883	3.0300
General Service (GS-2)	(0-9 Dth)	38.80	0.00	2.3539	1.5226	+(1.94170	+ 1.0883	+ 3.0300
	(>9 Dth)			0.0001	1.5226	1.94170	1.0883	3.0300
General Service (GS-3)	(0-9 Dth)	116.20	0.00	2.3539	1.1966	+(1.94170	+ 1.0883	+ 3.0300
	(>9 Dth)			0.0001	1.1966	1.94170	1.0883	3.0300
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	Distribution Charge	From Others per contract	+ 1.08830
		Customer Charge	MRP Charge	EWR Charge	Remote Meter Charge	0.00000	Distribution Charge	Firm Balancing Charge
Transportation		(\$/month)			(\$/month)			
TR-1	(0-2500 Dth)	350.00	0.00	0.14090	75.00	\$/Dth	\$/Dth	\$/Dth
	(>2500 Dth)			0.0001		per contract	1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	0.00	0.14090	75.00	per contract	0.8563	0.0344
	(>2500 Dth)			0.0001		per contract	0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	0.00	0.14090	75.00	per contract	0.4669	0.0344
	(>2500 Dth)			0.0001		per contract	0.4669	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.[Rates at semcoenergy.com](#)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00342	0.28387	= 0.3779
Seasonal	10.00	0.09744	+ -0.00342	0.28387	= 0.3779
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0342	2.8387	= 3.6559
Small Seasonal	18.62	0.8514	+ -0.0342	2.8387	= 3.6559
Large	98.96	0.6214	+ -0.0342	2.8387	= 3.4259
Rates Reference:	see	Rate Books	for more details		

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.23922	= 0.4662
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	2.3922	= 3.9285
Firm (304)	274.01	1.7500	+ -0.1240	2.3922	= 4.0182
Interruptible (303)	75.00	0.6400	+ -0.1240	2.3922	= 2.9082
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMERC Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.2620	2.4945 /Mcf	U-20541
DTE Gas Company	<i>Unchanged</i>	2.2000	2.4300 /Mcf	U-20543
Michigan Gas Utilities Corp	<i>Decrease</i>	3.1699	3.1699 /Mcf	U-20545
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co	<i>Increase</i>	2.8800	3.2814 /Dth	U-20551
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	2.7810	3.4184 /Dth	U-20539
Xcel Energy	<i>Decrease</i>	2.3922	2.5500 /Dth	U-20547

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2020

Calendar Year of GCR Factors

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.6451	2.4889	2.5029	2.2620			/Mcf
-U-20541 - As Filed or as Ordered	3.1246	3.1246	3.0311	2.4945			/Mcf
DTE Gas Company							
- As Currently Billed	2.5500	2.2000	2.2000	2.2000			/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000	2.8000	2.4300			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040	3.2990	3.3090	3.1699			/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.1699			/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
- As Currently Billed	2.8500	2.5200	2.4000	2.8800			/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189	3.2814			/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508	2.9500	2.8724	2.7810			/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184	3.4184			/Dth
Xcel Energy							
- As Currently Billed	3.5164	3.5164	3.5164	2.3922			/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	2.5500			/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2020

Calendar Year of GCR Factors

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20233 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20235- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20239- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
-U-20243-As Filed or as Ordered							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20245 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20241 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	11.75	0.38742	+ 0.22620	= 0.61362	\$73.11	17%
DTE Gas Company	12.91	0.38910	+ 0.22000	= 0.60910	\$73.82	18%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.31699	= 0.48076	\$61.08	-2%
Presque Isle E. & G. Coop.						
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.28800	= 0.54632	\$66.88	7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09402	+ 0.27810	= 0.37212	\$42.21	-32%
Xcel Energy	11.00	0.22698	+ 0.23922	= 0.46620	\$57.62	-8%
AVERAGE RATE	10.99	0.25327	+ 0.26142	= 0.38602	\$62.45	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4 (\$/month)		see note 5		see note 2		see note 3		see note 6				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		From Utility	0.22620	= 0.61362
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		From Utility	0.22620	= 0.61362
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
<u>alternative suppliers</u>	11.75		0.00				0.02603		0.36139		(see above)		per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		From Utility	2.2620	= 5.8324
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		From Utility	2.2620	= 5.0178
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.36820		0.00		From Utility	2.2620	= 3.9369
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.36820		0.00		From Utility	2.2620	= 3.6404
Customer Choice													From Others		
<u>alternative suppliers</u>	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation													From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365															
Note 3: New rates effective on and after October 1, 2019 per U-20322															
Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - REMOVED															
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED															
<u>Customer Attachment Program</u> surcharges are in addition to rates above															
<u>Understanding your bill at Consumersenergy.com</u>															
Rates Reference:	see		<u>Rate Books</u>												

DTE GAS COMPANY									
April 1, 2020									
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 5	See note 1	See note 3		See note 4	See note 7			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003 +	0.33683 +	0.03800	-0.00576	From Utility		
Residential Multi Family Rate 2A Class 1	11.25	9.35 +	0.01445 +	0.33683 +	0.03800	-0.00576	0.22000 =	0.60910	
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445 +	0.33683 +	0.03800	-0.00576	0.22000 =	0.60352	
Customer Choice							From Others		
alternative suppliers	(see above)			(see above) +	0.03800	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445 +	2.7796 +	0.38000	-0.0083	From Utility		
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445 +	2.2919 +	0.38000	-0.0083	2.2000 =	5.4958	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143 +	2.2919 +	0.38000	-0.0083	2.2000 =	5.0081	
Rate S	200.00	74.81	0.1445 +	1.7987 +	0.38000	-0.0139	2.2000 =	4.8779	
Customer Choice							From Others		
alternative suppliers	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143	0.9733		-0.0019	From Others		
Maximum (optional)	2,335.00	317.29	0.0143	1.7166		-0.0019	per contract		
Minimum (optional)	2,335.00	317.29	0.0143	0.2300		-0.0019	per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143	0.6615		-0.0019	per contract		
Maximum (optional)	4,775.00	1461.58	0.0143	1.0930		-0.0019	per contract		
Minimum (optional)	4,775.00	1461.58	0.0143	0.2300		-0.0019	per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143	0.5183		-0.0020	per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143	0.8567		-0.0020	per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143	0.1800		-0.0020	per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143	0.1483		-0.0019	per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143	0.8567		-0.0019	per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143	0.0500		-0.0019	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge				*see E-17.01					
Load Balancing Storage Charge				0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 3: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

MICHIGAN GAS UTILITIES CORP.									
April 1, 2020									
	Customer Charge	EWRSurcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJASurcharge	see note 4		
	see note 1	see note 2	see note 3	see note 5					Total Vol Charge
RESIDENTIAL SERVICE (\$/month) (volumetric charges in \$/Ccf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.01537	0.000000	0.00790	0.15871	-0.01821	0.25763	0.05936	0.31699
Gas Light Rate-Residential				0.00790	0.15871	-0.01821	0.25763	0.05936	0.31699
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.01757	per contract	0.05936	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month) (volumetric charges in \$/Mcf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	4.56	0.000000	0.07900	1.58700	-0.10260	2.5763	0.5936	3.1699
Large General Service	425.00	156.40		0.07900	1.03220	-0.04640	2.5763	0.5936	3.1699
GasLight Rate-Commercial		3.06		0.07900	1.58700	-0.10260	2.5763	0.5936	3.1699
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	per contract	0.59360	
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation									
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430 Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020 Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

April 1, 2020

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge			Total Charge
			see note 2	see note 1				
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
Residential Service		12.25	0.00	0.03381	0.22451	+(0.21900	+ 0.06900	= 0.28800
								: 0.54632
<u>Customer Choice-Residential alternative suppliers</u>		12.25			0.22451	+ From Others per contract	+ 0.06900	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor
General Service (GS-1)	(0-9 Dth)	15.00	0.00	2.3539	1.9556	+(2.19000	+ 0.6900	+ 2.8800
	(>9 Dth)			0.0001	1.9556	2.19000	0.6900	2.8800
General Service (GS-2)	(0-9 Dth)	38.80	0.00	2.3539	1.5226	+(2.19000	+ 0.6900	+ 2.8800
	(>9 Dth)			0.0001	1.5226	2.19000	0.6900	2.8800
General Service (GS-3)	(0-9 Dth)	116.20	0.00	2.3539	1.1966	+(2.19000	+ 0.6900	+ 2.8800
	(>9 Dth)			0.0001	1.1966	2.19000	0.6900	2.8800
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ Distribution Charge	+ From Others per contract	+ 0.69000
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge	Remote Meter Charge (\$/month)	0.00000	From Others	Distribution Charge
TR-1	(0-2500 Dth)	350.00	0.00	0.14090	75.00	\$/Dth	per contract	1.0334
	(>2500 Dth)			0.0001				1.0334
TR-2	(0-2500 Dth)	1,089.15	0.00	0.14090	75.00		per contract	0.8563
	(>2500 Dth)			0.0001				0.8563
TR-3	(0-2500 Dth)	10,831.50	0.00	0.14090	75.00		per contract	0.4669
	(>2500 Dth)			0.0001				0.4669

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.Rates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00342	0.27810	= 0.3721
Seasonal	10.00	0.09744	+ -0.00342	0.27810	= 0.3721
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0342	2.7810	= 3.5982
Small Seasonal	18.62	0.8514	+ -0.0342	2.7810	= 3.5982
Large	98.96	0.6214	+ -0.0342	2.7810	= 3.3682
Rates Reference:	see	Rate Books	for more details		

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.23922	= 0.4662
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	2.3922	= 3.9285
Firm (304)	274.01	1.7500	+ -0.1240	2.3922	= 4.0182
Interruptible (303)	75.00	0.6400	+ -0.1240	2.3922	= 2.9082
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMERC Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.5029	3.0311 /Mcf	U-20233
DTE Gas Company	Unchanged	2.2000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Increase	3.3090	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	2.4000	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.8724	3.4184 /Dth	U-20539
Xcel Energy	Unchanged	3.5164	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2020

Calendar Year of GCR Factors

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.6451	2.4889	2.5029			/Mcf
-U-20233 - As Filed or as Ordered	3.1246	3.1246	3.0311			/Mcf
DTE Gas Company						
- As Currently Billed	2.5500	2.2000	2.2000			/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000	2.8000			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.3040	3.2990	3.3090			/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.1540	4.1540	4.1540			/Mcf
-U-20243-As Filed or as Ordered	4.1540	4.1540	4.1540			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	2.8500	2.5200	2.4000			/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189	3.7189			/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.3508	2.9500	2.8724			/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184	3.4184			/Dth
Xcel Energy						
- As Currently Billed	3.5164	3.5164	3.5164			/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080			/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20233 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20235- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20239- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
-U-20243-As Filed or as Ordered							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20245 - As Filed or as Ordered							/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20241 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.38742	+ 0.25029	= 0.63771	\$75.52	10%
DTE Gas Company	12.91	0.38910	+ 0.22000	= 0.60910	\$73.82	7%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.33090	= 0.49467	\$62.47	-9%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	40%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.24000	= 0.49832	\$62.08	-10%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09402	+ 0.28724	= 0.38126	\$43.13	-37%
Xcel Energy	11.00	0.22698	+ 0.35164	= 0.57862	\$68.86	0%
AVERAGE RATE	11.13	0.27842	+ 0.29935	= 0.50555	\$68.91	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2020

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		From Utility		
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.25029	=	0.63771
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)													0.25029	=	0.63771
Customer Choice													From Others		
alternative suppliers	11.75		0.00				0.02603		0.36139		(see above)		per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		From Utility		
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		2.5029	=	5.2587
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.36820		0.00		2.5029	=	4.1778
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.36820		0.00		2.5029	=	3.8813
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY								March 1, 2020	
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 5	See note 1	See note 3		See note 4	See note 7			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003 +	0.33683 +	0.03800	-0.00576	From Utility		
Residential Multi Family Rate 2A Class 1	11.25	9.35 +	0.01445 +	0.33683 +	0.03800	-0.00576	0.22000 =	0.60910	
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445 +	0.33683 +	0.03800	-0.00576	0.22000 =	0.60352	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above) +	0.03800	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445 +	2.7796 +	0.38000	-0.0083	From Utility		
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.1445 +	2.2919 +	0.38000	-0.0083	2.2000 =	5.4958	
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143 +	2.2919 +	0.38000	-0.0083	2.2000 =	4.8779	
Rate S	200.00	74.81	0.1445 +	1.7987 +	0.38000	-0.0139	2.2000 =	4.5093	
<u>Customer Choice</u>							From Others		
<u>alternative suppliers</u>	(see above)			(see above)		(see above)	per contract		
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143	0.9733		-0.0019	per contract		
Maximum (optional)	2,335.00	317.29	0.0143	1.7166		-0.0019	per contract		
Minimum (optional)	2,335.00	317.29	0.0143	0.2300		-0.0019	per contract		
Rate LT (cost based rate)	4,775.00	1461.58	0.0143	0.6615		-0.0019	per contract		
Maximum (optional)	4,775.00	1461.58	0.0143	1.0930		-0.0019	per contract		
Minimum (optional)	4,775.00	1461.58	0.0143	0.2300		-0.0019	per contract		
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143	0.5183		-0.0020	per contract		
Maximum (optional)	12,000.00	6,000.00	0.0143	0.8567		-0.0020	per contract		
Minimum (optional)	12,000.00	6,000.00	0.0143	0.1800		-0.0020	per contract		
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143	0.1483		-0.0019	per contract		
Maximum (optional)	125,000.00	62,221.00	0.0143	0.8567		-0.0019	per contract		
Minimum (optional)	125,000.00	62,221.00	0.0143	0.0500		-0.0019	per contract		
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge				*see E-17.01					
Load Balancing Storage Charge				0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 3: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

MICHIGAN GAS UTILITIES CORP.									
March 1, 2020									
	Customer Charge	EWRSurcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJASurcharge	see note 4		
	see note 1	see note 2	see note 3	see note 5					Total Vol Charge
RESIDENTIAL SERVICE (\$/month)									
(volumetric charges in \$/Ccf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.01537	0.000000	0.00790	0.15871	-0.01821	0.28840	0.04250	0.33090
Gas Light Rate-Residential				0.00790	0.15871	-0.01821	0.28840	0.04250	0.33090
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.01757	per contract	0.04250	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)									
(volumetric charges in \$/Mcf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	4.56	0.000000	0.07900	1.58700	-0.10260	2.8840	0.4250	3.3090
Large General Service	425.00	156.40		0.07900	1.03220	-0.04640	2.8840	0.4250	3.3090
GasLight Rate-Commercial		3.06		0.07900	1.58700	-0.10260	2.8840	0.4250	3.3090
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	per contract	0.42500	
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation									
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430 Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020 Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

March 1, 2020

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.00	0.03381	0.22451	+(0.18000	+ 0.06000	=	0.24000
									0.49832
<u>Customer Choice-Residential alternative suppliers</u>		12.25			0.22451	From Others per contract	+ 0.06000		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	15.00	0.00	2.3539	1.9556	+(1.80000	+ 0.6000	+ 2.4000	6.70950
	(>9 Dth)			0.0001	1.9556	1.80000	0.6000	2.4000	4.35570
General Service (GS-2)	(0-9 Dth)	38.80	0.00	2.3539	1.5226	+(1.80000	+ 0.6000	+ 2.4000	6.27650
	(>9 Dth)			0.0001	1.5226	1.80000	0.6000	2.4000	3.92270
General Service (GS-3)	(0-9 Dth)	116.20	0.00	2.3539	1.1966	+(1.80000	+ 0.6000	+ 2.4000	5.95050
	(>9 Dth)			0.0001	1.1966	1.80000	0.6000	2.4000	3.59670
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	Distribution Charge	From Others per contract	+ 0.60000	
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge	Remote Meter Charge (\$/month)	0.00000	From Others	Distribution Charge	Firm Balancing Charge
TR-1	(0-2500 Dth)	350.00	0.00	0.14090	75.00	\$/Dth	per contract	1.0334	0.0344
	(>2500 Dth)			0.0001				1.0334	0.0344
TR-2	(0-2500 Dth)	1,089.15	0.00	0.14090	75.00		per contract	0.8563	0.0344
	(>2500 Dth)			0.0001				0.8563	0.0344
TR-3	(0-2500 Dth)	10,831.50	0.00	0.14090	75.00		per contract	0.4669	0.0344
	(>2500 Dth)			0.0001				0.4669	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.Rates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00342	0.28724	= 0.3813
Seasonal	10.00	0.09744	+ -0.00342	0.28724	= 0.3813
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0342	2.8724	= 3.6896
Small Seasonal	18.62	0.8514	+ -0.0342	2.8724	= 3.6896
Large	98.96	0.6214	+ -0.0342	2.8724	= 3.4596
Rates Reference:	see	Rate Books for more details			

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.35164	= 0.5786
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	3.5164	= 5.0527
Firm (304)	274.01	1.7500	+ -0.1240	3.5164	= 5.1424
Interruptible (303)	75.00	0.6400	+ -0.1240	3.5164	= 4.0324
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.4889	3.1246 /Mcf	U-20233
DTE Gas Company	Decrease	2.2000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.2990	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	2.5200	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.9503	3.4184 /Dth	U-20539
Xcel Energy	Decrease	3.5164	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2020

Calendar Year of GCR Factors

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Company						
- As Currently Billed	2.6451	2.4889				/Mcf
-U-20233 - As Filed or as Ordered	3.1246	3.1246				/Mcf
DTE Gas Company						
- As Currently Billed	2.5500	2.2000				/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.3040	3.2990				/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.1540	4.1540				/Mcf
-U-20243-As Filed or as Ordered	4.1540	4.1540				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	2.8500	2.5200				/Dth
-U-20245 - As Filed or as Ordered	3.7189	3.7189				/Dth
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.3508	2.9503				/Dth
-U-20247 - As Filed or as Ordered	3.4184	3.4184				/Dth
Xcel Energy						
- As Currently Billed	3.5164	3.5164				/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080				/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20233 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20235- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20239- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
-U-20243-As Filed or as Ordered							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20245 - As Filed or as Ordered							/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20241 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.38742	+ 0.24889	= 0.63631	\$75.38	9%
DTE Gas Company	12.91	0.38910	+ 0.22000	= 0.60910	\$73.82	7%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.32990	= 0.49367	\$62.37	-10%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	39%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	12.25	0.25832	+ 0.25200	= 0.51032	\$63.28	-8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09402	+ 0.29503	= 0.38905	\$43.91	-37%
Xcel Energy	11.00	0.22698	+ 0.35164	= 0.57862	\$68.86	0%
AVERAGE RATE	11.13	0.27842	+ 0.30184	= 0.50772	\$69.16	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2020

	Customer Charge		IRM Surchage see note 4 (\$/month)		RDM Surchage see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surchage see note 6 (volumetric charges in \$/ccf)		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.24889	=	0.63631
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.24889	=	0.63631
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.00				0.02603		0.36139		(see above)		From Others		
													per contract		
													* including EO Surchage (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		2.4889	=	6.0593
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		2.4889	=	5.2447
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.36820		0.00		2.4889	=	4.1638
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.36820		0.00		2.4889	=	3.8673
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - **REMOVED**

Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - **REMOVED**

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							February 1, 2020		
	Customer Charge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge	
	See note 5	See note 1	See note 3		See note 4	See note 7			
	(\$/month)			(volumetric charges in \$/Ccf)					
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	11.25	1.85	0.02003	+	0.33683	+	0.03800	-0.00576	From Utility
Residential Multi Family Rate 2A Class 1	11.25	9.35	0.01445	+	0.33683	+	0.03800	-0.00576	0.22000 = 0.60910
Residential Multi Family Rate 2A Class 2	31.00	9.35	0.01445	+	0.33683	+	0.03800	-0.00576	0.22000 = 0.60352
<u>Customer Choice</u>									From Others
<u>alternative suppliers</u>	(see above)			(see above)	+	0.03800	(see above)		per contract
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales									
Rate GS-1	31.00	6.48	0.1445	+	2.7796	+	0.38000	-0.0083	From Utility
Rate GS-2 (<100,000 Mcf)	600.00	6.48	0.01445	+	2.2919	+	0.38000	-0.0083	2.2000 = 5.4958
Rate GS-2 (>100,000 Mcf)	600.00	6.48	0.0143	+	2.2919	+	0.38000	-0.0083	2.2000 = 4.8781
Rate S	200.00	74.81	0.01445	+	1.7987	+	0.38000	-0.0139	2.2000 = 4.8779
<u>Customer Choice</u>									From Others
<u>alternative suppliers</u>	(see above)			(see above)		(see above)			per contract
Transportation									
Rate ST (cost based rate)	2,335.00	317.29	0.0143		0.9733		-0.0019		per contract
Maximum (optional)	2,335.00	317.29	0.0143		1.7166		-0.0019		per contract
Minimum (optional)	2,335.00	317.29	0.0143		0.2300		-0.0019		per contract
Rate LT (cost based rate)	4,775.00	1461.58	0.0143		0.6615		-0.0019		per contract
Maximum (optional)	4,775.00	1461.58	0.0143		1.0930		-0.0019		per contract
Minimum (optional)	4,775.00	1461.58	0.0143		0.2300		-0.0019		per contract
Rate XLT (cost based rate)	12,000.00	6,000.00	0.0143		0.5183		-0.0020		per contract
Maximum (optional)	12,000.00	6,000.00	0.0143		0.8567		-0.0020		per contract
Minimum (optional)	12,000.00	6,000.00	0.0143		0.1800		-0.0020		per contract
Rate XXLT (cost based rate)	125,000.00	62,221.00	0.0143		0.1483		-0.0019		per contract
Maximum (optional)	125,000.00	62,221.00	0.0143		0.8567		-0.0019		per contract
Minimum (optional)	125,000.00	62,221.00	0.0143		0.0500		-0.0019		per contract
EUT Exploratory Program			0.0074						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge					*see E-17.01				
Load Balancing Storage Charge					0.25/MMBtu				
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.									
Note 3: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. Approved February 2020.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019									
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

MICHIGAN GAS UTILITIES CORP.									
February 1, 2020									
	Customer Charge	EWRSurcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJASurcharge	see note 4		
	see note 1	see note 2	see note 3	see note 5					
									Total Vol Charge
RESIDENTIAL SERVICE (\$/month) (volumetric charges in \$/Ccf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.01537	0.000000	0.00790	0.15871	-0.01821	0.28840	0.04150	0.32990
Gas Light Rate-Residential				0.00790	0.15871	-0.01821	0.28840	0.04150	0.32990
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.01757	per contract	0.04150	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month) (volumetric charges in \$/Mcf metered)									
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	4.56	0.000000	0.07900	1.58700	-0.10260	2.8840	0.4150	3.2990
Large General Service	425.00	156.40		0.07900	1.03220	-0.04640	2.8840	0.4150	3.2990
GasLight Rate-Commercial		3.06		0.07900	1.58700	-0.10260	2.8840	0.4150	3.2990
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	per contract	0.41500	
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation									
TR-1	850.00	41.33		0.7777	0.6277	-0.03970			
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140			
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180			
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430 Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020 Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

SEMCO ENERGY GAS COMPANY

February 1, 2020

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)			(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		12.25	0.00	0.03381	0.22451	+(0.18200	+ 0.07000	= 0.25200	): 0.51032
Customer Choice-Residential alternative suppliers		12.25			0.22451	+ From Others per contract	+ Balancing and Demand Charge 0.07000		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)			(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	15.00	0.00	2.3539	1.9556	+(1.82000	+ 0.7000	+ 2.5200	): 6.82950
	(>9 Dth)			0.0001	1.9556		0.7000	2.5200	4.47570
General Service (GS-2)	(0-9 Dth)	38.80	0.00	2.3539	1.5226	+(1.82000	+ 0.7000	+ 2.5200	): 6.39650
	(>9 Dth)			0.0001	1.5226		0.7000	2.5200	4.04270
General Service (GS-3)	(0-9 Dth)	116.20	0.00	2.3539	1.1966	+(1.82000	+ 0.7000	+ 2.5200	): 6.07050
	(>9 Dth)			0.0001	1.1966		0.7000	2.5200	3.71670
Customer Choice-Comm. & Industrial alternative suppliers	(see above)			(see above)	0.00000	+ From Others per contract	+ Balancing and Demand Charge 0.70000		
	</								

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.[Rates at semcoenergy.com](#)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00342	0.29503	= 0.3891
Seasonal	10.00	0.09744	+ -0.00342	0.29503	= 0.3891
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0342	2.9503	= 3.7675
Small Seasonal	18.62	0.8514	+ -0.0342	2.9503	= 3.7675
Large	98.96	0.6214	+ -0.0342	2.9503	= 3.5375
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.35164	= 0.5786
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	3.5164	= 5.0527
Firm (304)	274.01	1.7500	+ -0.1240	3.5164	= 5.1424
Interruptible (303)	75.00	0.6400	+ -0.1240	3.5164	= 4.0324
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2020

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.6451	3.1246 /Mcf	U-20233
DTE Gas Company	Decrease	2.5500	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.3040	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	2.8500	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.3508	3.4184 /Dth	U-20539
Xcel Energy	Decrease	3.5164	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2020

Calendar Year of GCR Factors

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.6451						/Mcf
-U-20233- As Filed or as Ordered	3.1246						/Mcf
DTE Gas Company							
- As Currently Billed	2.5500						/Mcf
-U-20235- As Filed or As Ordered	2.8000						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3040						/Mcf
-U-20239- As Filed or as Ordered	3.4859						/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540						/Mcf
-U-20243-As Filed or as Ordered	4.1540						/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	2.8500						/Dth
-U-20245 - As Filed or as Ordered	3.7189						/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.3508						/Dth
-U-20247 - As Filed or as Ordered	3.4184						/Dth
Xcel Energy							
- As Currently Billed	3.5164						/Dth
-U-20241 - As Filed or as Ordered	4.0080						/Dth

(Rates set by local government regulation, not by the MPSC)

(Rates set by local government regulation, not by the MPSC)

GAS COST RECOVERY FACTOR HISTORY

January 1, 2020

Calendar Year of GCR Factors

	Jul-20 \$/unit	Aug-20 \$/unit	Sep-20 \$/unit	Oct-20 \$/unit	Nov-20 \$/unit	Dec-20 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-20233 - As Filed or as Ordered							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
-U-20235- As Filed or As Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-20239- As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
-U-20243-As Filed or as Ordered							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
-U-20245 - As Filed or as Ordered							/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
-U-20539 - As Filed or As Ordered							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-20241 - As Filed or as Ordered							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2020

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.38742	+ 0.26451	= 0.65193	\$76.94	9%
DTE Gas Company	13.10	0.38895	+ 0.25500	= 0.64395	\$77.50	10%
Michigan Gas Utilities Corp	13.00	0.16377	+ 0.33040	= 0.49417	\$62.42	-12%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	37%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.24094	+ 0.28500	= 0.52594	\$64.09	-9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09402	+ 0.33508	= 0.42910	\$47.91	-32%
Xcel Energy	11.00	0.22698	+ 0.35164	= 0.57862	\$68.86	-2%
AVERAGE RATE	11.05	0.27591	+ 0.31958	= 0.52105	\$70.60	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2020

	Customer Charge		IRM Surchage		RDM Surchage		Energy Efficiency Charge		Distribution Charge		TCJA Surchage		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.26451	=	0.65193
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02603	+	0.36139		0.00		0.26451	=	0.65193
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.00				0.02603		0.36139		(see above)				
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3067	+	3.26370		0.00		2.6451	=	6.2155
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3067	+	2.44910		0.00		2.6451	=	5.4009
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3067	+	1.36820		0.00		2.6451	=	4.3200
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0102	+	1.36820		0.00		2.6451	=	4.0235
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)				
Transportation															
(volumetric charges in \$/Mcf)															
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3067		1.1487		0.00				
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0102		1.1487		0.00				
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3067		0.9265		0.00				
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0102		0.9265		0.00				
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3067		0.7719		0.00				
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0102		0.4350		0.00				
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000				
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		0.00				
2.6 to 4.5 CF/Hr	10.00								includes gas		0.00				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2020 billing month. Per U-20365															
Note 3: New rates effective on and after October 1, 2019 per U-20322															
Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322															
Note 5: Revenue Decoupling Mechanism (RDM) Residual Balance effective for the December 2019 Billing Month per U-20356 - REMOVED															
Note 6: Tax Reform Credit B Residual Balance Reconciliation Surcharge effective for the December 2019 Billing Month per U-20287 - REMOVED															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY										January 1, 2020			
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge				
	See note 5	See note 2 (\$/month)	See note 1	See note 3	See note 4 (volumetric charges in \$/Ccf)		See note 7						
RESIDENTIAL SERVICE													
Sales										From Utility			
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	1.85	0.01988	+	0.33683	+	0.03800	+	-0.00576	0.25500	=	0.64395
Residential Multi Family Rate 2A Class 1	11.25	0.00	9.35	0.01458	+	0.33683	+	0.03800	+	-0.00576	0.25500	=	0.63865
Residential Multi Family Rate 2A Class 2	31.00	0.00	9.35	0.01458	+	0.33683	+	0.03800	+	-0.00576	0.25500	=	0.63865
<u>Customer Choice</u>										From Others			
<u>alternative suppliers</u>	(see above)				(see above)	+	0.03800	+	(see above)	per contract			
COMMERCIAL & INDUSTRIAL SERVICE													
	(\$/month)				(volumetric charges in \$/Mcf metered)								
Sales										From Utility			
Rate GS-1	31.00	0.00	6.48	0.1458	+	2.7796	+	0.38000	+	-0.0083	2.5500	=	5.8471
Rate GS-2 (<100,000 Mcf)	600.00	0.00	6.48	0.1458	+	2.2919	+	0.38000	+	-0.0083	2.5500	=	5.3594
Rate GS-2 (>100,000 Mcf)	600.00	0.00	6.48	0.0127	+	2.2919	+	0.38000	+	-0.0083	2.5500	=	5.2263
Rate S	200.00	0.00	74.81	0.1458	+	1.7987	+	0.38000	+	-0.0139	2.5500	=	4.8606
<u>Customer Choice</u>										From Others			
<u>alternative suppliers</u>	(see above)				(see above)			(see above)		per contract			
Transportation										From Others			
Rate ST (cost based rate)	2,335.00	0.00	317.29	0.0127	0.9733			-0.0019		per contract			
Maximum (optional)	2,335.00		317.29	0.0127	1.7166			-0.0019		per contract			
Minimum (optional)	2,335.00		317.29	0.0127	0.2300			-0.0019		per contract			
Rate LT (cost based rate)	4,775.00	0.00	1461.58	0.0127	0.6615			-0.0019		per contract			
Maximum (optional)	4,775.00		1461.58	0.0127	1.0930			-0.0019		per contract			
Minimum (optional)	4,775.00		1461.58	0.0127	0.2300			-0.0019		per contract			
Rate XLT (cost based rate)	12,000.00	0.00	6,000.00	0.0127	0.5183			-0.0020		per contract			
Maximum (optional)	12,000.00		6,000.00	0.0127	0.8567			-0.0020		per contract			
Minimum (optional)	12,000.00		6,000.00	0.0127	0.1800			-0.0020		per contract			
Rate XXL (cost based rate)	125,000.00	0.00	62,221.00	0.0127	0.1483			-0.0019		per contract			
Maximum (optional)	125,000.00		62,221.00	0.0127	0.8567			-0.0019		per contract			
Minimum (optional)	125,000.00		62,221.00	0.0127	0.0500			-0.0019		per contract			
EUT Exploratory Program				0.0058									
Rate XLT/XXLT-Remote Meter Charge	100.00												
Unauthorized Gas Usage Charge							*see E-17.01						
Load Balancing Storage Charge							0.25/MMBtu						
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st.													
Note 2: RDM credit/surcharge effective September 1 - November 30, 2019 per U-20319													
Note 3: Effective for bills rendered on and after January 1, 2020, customers will pay the EWR surcharge per Case No. U-20035. **Waiting to settle cases. Will be effective Feb. 2020													
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019													
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round													
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September													
<u>Rates at utilities.dteenergy.com (PDF version)</u>													
<u>My.dteenergy.com for understanding your bill</u>													
Rates Reference:	see	Rate Books	for more details										

MICHIGAN GAS UTILITIES CORP.										January 1, 2020		Total	
	Customer Charge	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				Vol Charge			
		see note 1	see note 2	see note 3		see note 5	see note 4						
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)											
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor				
Residential Service	13.00	0.01537	0.000000	0.00790	0.15871	-0.01821	0.28840	0.04200	=	0.33040	=	0.49417	
Gas Light Rate-Residential				0.00790	0.15871	-0.01821	0.28840	0.04200	=	0.33040	=	0.47880	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.01757	From Others per contract	Reservation Charge 0.04200					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)											
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor				
Small General Service	35.00	4.56	0.000000	0.07900	1.58700	-0.10260	2.8840	0.4200	=	3.3040	=	4.86740	
Large General Service	425.00	156.40		0.07900	1.03220	-0.04640	2.8840	0.4200	=	3.3040	=	4.36880	
GasLight Rate-Commercial		3.06		0.07900	1.58700	-0.10260	2.8840	0.4200	=	3.3040	=	4.86740	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	From Others per contract	Reservation Charge 0.42000					
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)								
Transportation	\$/mo												
TR-1	850.00	41.33		0.7777	0.6277	-0.03970							
TR-2	2,250.00	154.78		0.4796	0.3296	-0.03140							
TR-3	3,050.00	1013.65		0.4651	0.3151	-0.03180							
Note 1: Effective for bills rendered on and after January 1, 2020 Issued Under Authority of the Michigan Public Service Commission Order Dated Dec. 19, 2019 In Case No: U-20430													
Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed													
Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.													
Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.													
Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019 and new Credit C is effective Jan. 1, 2020													
Customer Attachment Program													
Rates at michigangasutilities.com													
Understanding your bill at michigangasutilities.com													
Rate Books													

SEMCO ENERGY GAS COMPANY

January 1, 2020

		Customer Charge	Rider MRP Charge see note 2	EWR Charge see note 1	Distribution Charge	TCJA Surcharge see note 3				Total Charge
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales										
Residential Service		11.50	0.00	0.03381	0.22451	-0.01738	+(0.22000	+ 0.06500	= 0.28500	): 0.52594
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.22451	-0.01738	+ From Others per contract	+ 0.06500		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales										
General Service (GS-1) (0-9 Dth)		15.00	0.00	2.3539	1.9556	-0.15090	+(2.20000	+ 0.6500	+ 2.8500	): 7.00860
	(>9 Dth)			0.0001	1.9556	-0.15090	2.20000	0.6500	2.8500	4.65480
General Service (GS-2) (0-9 Dth)		38.80	0.00	2.3539	1.5226	-0.10000	+(2.20000	+ 0.6500	+ 2.8500	): 6.62650
	(>9 Dth)			0.0001	1.5226	-0.10000	2.20000	0.6500	2.8500	4.27270
General Service (GS-3) (0-9 Dth)		116.20	0.00	2.3539	1.1966	-0.07690	+(2.20000	+ 0.6500	+ 2.8500	): 6.32360
	(>9 Dth)			0.0001	1.1966	-0.07690	2.20000	0.6500	2.8500	3.96980
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	+ From Others per contract	+ 0.65000		
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge	Remote Meter Charge (\$/month)		From Others	Distribution Charge \$/Dth		Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	0.00	0.14090	75.00		per contract	1.03340		0.0344
	(>2500 Dth)			0.0001				1.03340		0.0344
TR-2	(0-2500 Dth)	1,089.15	0.00	0.14090	75.00		per contract	0.85630		0.0344
	(>2500 Dth)			0.0001				0.85630		0.0344
TR-3	(0-2500 Dth)	10,831.50	0.00	0.14090	75.00		per contract	0.46690		0.0344
	(>2500 Dth)			0.0001				0.46690		0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2020, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20431.**Note 2:** New MRP will be effective on and after January 2021; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-20479 until the earlier of either new base rates or December 31, 2025.**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effectRates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2020

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00342	0.33508	= 0.4291
Seasonal	10.00	0.09744	+ -0.00342	0.33508	= 0.4291
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0342	3.3508	= 4.1680
Small Seasonal	18.62	0.8514	+ -0.0342	3.3508	= 4.1680
Large	98.96	0.6214	+ -0.0342	3.3508	= 3.9380
Rates Reference:	see	Rate Books for more details			

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.00742	0.35164	= 0.5786
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.2137	3.5164	= 5.0527
Firm (304)	274.01	1.7500	+ -0.1240	3.5164	= 5.1424
Interruptible (303)	75.00	0.6400	+ -0.1240	3.5164	= 4.0324
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1240	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2020 per U-20109; No surcharge for Presque Isle; UMERC Credit C

Note 3: Xcel Credit C effective beginning January 2020 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.8244	3.1246 /Mcf	U-20233
DTE Gas Company	Unchanged	2.6500	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.4670	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	3.4000	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.4564	3.4184 /Dth	U-20539
Xcel Energy	Unchanged	3.7786	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
-U-20233- As Filed or as Ordered	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
-U-20235- As Filed or as Ordered	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
-U-20239- As Filed or as Ordered	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
-U-20243-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
-U-20245 - As Filed or as Ordered	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
-U-20247 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
-U-20241 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

(Rates set by local government regulation, not by the MPSC)

(Rates set by local government regulation, not by the MPSC)

GAS COST RECOVERY FACTOR HISTORY

December 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.7691	2.7262	2.6497	2.7681	2.7220	2.8244	/Mcf
<u>-U-20233- As Filed or as Ordered</u>	3.1246	3.1246	3.1246	3.1246	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.8000	2.8000	2.8000	2.8000	2.6500	2.6500	/Mcf
<u>-U-20235- As Filed or As Ordered</u>	2.8000	2.8000	2.8000	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4790	3.4790	3.4770	3.4840	3.4859	3.4670	/Mcf
<u>-U-20239- As Filed or as Ordered</u>	3.4859	3.4859	3.4859	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540	4.1540	4.1540	4.1540	4.1540	4.1540	/Mcf
<u>-U-20243-As Filed or as Ordered</u>	4.1540	4.1540	4.1540	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.7000	3.5000	3.4000	/Dth
<u>-U-20245 - As Filed or as Ordered</u>	4.1408	3.7189	3.7189	3.7189	3.7189	3.7189	/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796	3.5796	3.5796	3.4184	3.4564	/Dth
<u>-U-20539 - As Filed or As Ordered</u>	3.5796	3.5796	3.5796	3.5796	3.4184	3.4184	/Dth
Xcel Energy							
- As Currently Billed	3.7130	3.7130	3.7130	3.7786	3.7786	3.7786	/Dth
<u>-U-20241 - As Filed or as Ordered</u>	4.0080	4.0080	4.0080	4.0080	4.0080	4.0080	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	-0.13494	+ 0.28244	= 0.14750	\$26.50	-58%
DTE Gas Company	11.76	0.38895	+ 0.26500	= 0.65395	\$77.16	22%
Michigan Gas Utilities Corp	13.00	0.13246	+ 0.34670	= 0.47916	\$60.92	-4%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	52%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.18987	+ 0.34000	= 0.52987	\$65.99	4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.07841	+ 0.34564	= 0.42405	\$47.41	-25%
Xcel Energy	11.00	0.20458	+ 0.37786	= 0.58244	\$69.24	9%
AVERAGE RATE	11.07	0.18409	+ 0.33901	= 0.45771	\$63.38	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2019

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02367	+	0.36139		-0.52		0.28244	=	0.14750
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02367	+	0.36139		-0.52		0.28244	=	0.14750
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.00				0.02367		0.36139		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3496	+	3.26370		-0.59		2.8244	=	5.8477
General Service - Rate GS-2	81.86		0.00		-22.74	+	0.3496	+	2.44910		0.00		2.8244	=	5.6231
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3496	+	1.36820		-90.86		2.8244	=	-86.3178
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0117	+	1.36820		0.00		2.8244	=	4.2043
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3496		1.1487		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0117		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3496		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0117		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3496		0.7719		-780.45		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0117		0.4350		-780.45		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		-0.48				
2.6 to 4.5 CF/Hr	10.00								includes gas		-0.48				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.															
Note 3: New rates effective on and after October 1, 2019 per U-20322															
Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322															
Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the August 2019 Billing Month (dated June 18, 2019 in Case No. U-20356) - REMOVED															
Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287 *20322 in effect Dec. 2019															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY										December 1, 2019	
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge		
	See note 5	See note 2 (\$/month)	See note 1	See note 3		See note 4 (volumetric charges in \$/Ccf)	See note 7				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.51	0.01988	+	0.33683	+	0.03800	+	-0.00576	
Residential Multi Family Rate 2A Class 1	11.25	0.00	2.61	+	0.01458	+	0.33683	+	0.03800	+	-0.00576
Residential Multi Family Rate 2A Class 2	31.00	0.00	2.61		0.01458	+	0.33683	+	0.03800	+	-0.00576
Customer Choice											
alternative suppliers	(see above)				(see above)	+	0.03800	+	(see above)		per contract
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	31.00	0.00	1.81	0.1458	+	2.7796	+	0.38000	+	-0.0083	
Rate GS-2 (<100,000 Mcf)	600.00	0.00	1.81	0.1458	+	2.2919	+	0.38000	+	-0.0083	
Rate GS-2 (>100,000 Mcf)	600.00	0.00	1.81	0.0127	+	2.2919	+	0.38000	+	-0.0083	
Rate S	200.00	0.00	20.93	0.1458	+	1.7987	+	0.38000	+	-0.0139	
Customer Choice											
alternative suppliers	(see above)				(see above)		(see above)			per contract	
Transportation											
Rate ST (cost based rate)	2,335.00	0.00	88.78	0.0127		0.9733		-0.0019		per contract	
Maximum (optional)	2,335.00		88.78	0.0127		1.7166		-0.0019		per contract	
Minimum (optional)	2,335.00		88.78	0.0127		0.2300		-0.0019		per contract	
Rate LT (cost based rate)	4,775.00	0.00	408.99	0.0127		0.6615		-0.0019		per contract	
Maximum (optional)	4,775.00		408.99	0.0127		1.0930		-0.0019		per contract	
Minimum (optional)	4,775.00		408.99	0.0127		0.2300		-0.0019		per contract	
Rate XLT (cost based rate)	12,000.00	0.00	2,689.86	0.0127		0.5183		-0.0020		per contract	
Maximum (optional)	12,000.00		2,689.86	0.0127		0.8567		-0.0020		per contract	
Minimum (optional)	12,000.00		2,689.86	0.0127		0.1800		-0.0020		per contract	
Rate XXL (cost based rate)	125,000.00	0.00	17,411.05	0.0127		0.1483		-0.0019		per contract	
Maximum (optional)	125,000.00		17,411.05	0.0127		0.8567		-0.0019		per contract	
Minimum (optional)	125,000.00		17,411.05	0.0127		0.0500		-0.0019		per contract	
EUT Exploratory Program				0.0058							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge						*see E-17.01					
Load Balancing Storage Charge						0.25/MMBtu					
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st											
Note 2: RDM credit/surcharge effective September 1 - November 30, 2019 per U-20319											
Note 3: Effective for bills rendered on and after January 1, 2019 until December 31, 2019, customers will pay the EWR surcharge per Case No. U-20035											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

SEMCO

SEMCO ENERGY GAS COMPANY

December 1, 2019

CUSTOMER RATE CONTRACT										December 17, 2019	
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge	
			see note 2	see note 1		see note 3					
RESIDENTIAL SERVICE											
		(\$/month)				(volumetric charges in \$/Therm metered)					
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.50	0.03383	0.17342	-0.01738	+(0.27000	+ 0.07000	= 0.34000	): 0.52987
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.07000			
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Sales											
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.4031	1.8203	-0.15090	+(2.70000	+ 0.7000	+ 3.4000	): 7.47250
	(>9 Dth)			0.0001	1.8203	-0.15090	2.70000	0.7000	3.4000	5.06950	
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.4031	1.3932	-0.10000	+(2.70000	+ 0.7000	+ 3.4000	): 7.09630
	(>9 Dth)			0.0001	1.3932	-0.10000	2.70000	0.7000	3.4000	4.69330	
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.4031	1.0985	-0.07690	+(2.70000	+ 0.7000	+ 3.4000	): 6.82470
	(>9 Dth)			0.0001	1.0985	-0.07690	2.70000	0.7000	3.4000	4.42170	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	From Others per contract	+ 0.70000			
TRANSPORTATION											
		Customer Charge	MRP Charge	EWR Charge	Remote Meter Charge		From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)			(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	273.89	0.14160	75.00	-0.04700	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1,590.00	500.00	0.14160	75.00	-0.04210	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7,290.00	500.00	0.14160	75.00	-0.03180	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344	
OTHER											
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.										
<p>Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.</p> <p>Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018</p> <p>Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect</p>											
<p>Rates at semcoenergy.com</p> <p>Customer Attachment Program</p> <p>Understanding your bill at semcoenergygas.com</p>											
Rates Reference: see Rate Books for more details											
surcharges are in addition to rates above											

OTHER MICHIGAN-PSC REGULATED

December 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.01903	0.34564	= 0.4241
Seasonal	10.00	0.09744	+ -0.01903	0.34564	= 0.4241
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.1903	3.4564	= 4.1175
Small Seasonal	18.62	0.8514	+ -0.1903	3.4564	= 4.1175
Large	98.96	0.6214	+ -0.1903	3.4564	= 3.8875
Rates Reference:	see	Rate Books for more details			

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.02982	0.37786	= 0.5824
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	3.7786	= 5.1829
Firm (304)	274.01	1.7500	+ -0.1570	3.7786	= 5.3716
Interruptible (303)	75.00	0.6400	+ -0.1570	3.7786	= 4.2616
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.7220	3.1246 /Mcf	U-20322
DTE Gas Company	Decrease	2.6500	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Increase	3.4859	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	3.5000	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.4184	3.4184 /Dth	U-20539
Xcel Energy	Unchanged	3.7786	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
-U-20233 - As Filed or as Ordered	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
-U-20235- As Filed or As Ordered	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
-U-20239- As Filed or as Ordered	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
-U-20243-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
-U-20245 - As Filed or as Ordered	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
-U-20247 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
-U-20241 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.7691	2.7262	2.6497	2.7681	2.7220		/Mcf
<u>-U-20233- As Filed or as Ordered</u>	3.1246	3.1246	3.1246	3.1246	3.1246		/Mcf
DTE Gas Company							
- As Currently Billed	2.8000	2.8000	2.8000	2.8000	2.6500		/Mcf
<u>-U-20235- As Filed or As Ordered</u>	2.8000	2.8000	2.8000	2.8000	2.8000		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4790	3.4790	3.4770	3.4840	3.4859		/Mcf
<u>-U-20239- As Filed or as Ordered</u>	3.4859	3.4859	3.4859	3.4859	3.4859		/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540	4.1540	4.1540	4.1540	4.1540		/Mcf
<u>-U-20243-As Filed or as Ordered</u>	4.1540	4.1540	4.1540	4.1540	4.1540		/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.7000	3.5000		/Dth
<u>-U-20245 - As Filed or as Ordered</u>	4.1408	3.7189	3.7189	3.7189	3.7189		/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796	3.5796	3.5796	3.4184		/Dth
<u>-U-20539 - As Filed or As Ordered</u>	3.5796	3.5796	3.5796	3.5796	3.4184		/Dth
Xcel Energy							
- As Currently Billed	3.7130	3.7130	3.7130	3.7786	3.7786		/Dth
<u>-U-20241 - As Filed or as Ordered</u>	4.0080	4.0080	4.0080	4.0080	4.0080		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	11.75	0.38506	+ 0.27220	= 0.65726	\$77.48	10%
DTE Gas Company	10.71	0.38895	+ 0.26500	= 0.65395	\$76.11	8%
Michigan Gas Utilities Corp	13.00	0.13246	+ 0.34859	= 0.48105	\$61.11	-13%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	37%
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.18987	+ 0.35000	= 0.53987	\$66.99	-5%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.07841	+ 0.34184	= 0.42025	\$47.03	-33%
Xcel Energy	11.00	0.20458	+ 0.37786	= 0.58244	\$69.24	-2%
AVERAGE RATE	10.92	0.25838	+ 0.33870	= 0.52244	\$70.63	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2019

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02367	+	0.36139		0.00		0.27220	=	0.65726
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02367	+	0.36139		0.00		0.27220	=	0.65726
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.00				0.02367		0.36139		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3496	+	3.26370		0.00		From Utility		
General Service - Rate GS-2	81.86		0.00		0.00	+	0.3496	+	2.44910		0.00		2.7220	=	6.3353
General Service - Rate GS-3 (0-100,000 Year)	482.55		0.00		0.00	+	0.3496	+	1.36820		0.00		2.7220	=	5.5207
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.3496	+	1.36820		0.00		2.7220	=	4.4398
General Service - Rate GS-3 (>100,000 Year)	482.55		0.00		0.00	+	0.0117	+	1.36820		0.00		2.7220	=	4.1019
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3496		1.1487		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0117		1.1487		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2351.35		0.00		0.00		0.3496		0.9265		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2351.35		0.00		0.00		0.0117		0.9265		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8794.20		0.00		0.00		0.3496		0.7719		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	40096.32		0.00		0.00		0.0117		0.4350		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		-0.48				
2.6 to 4.5 CF/Hr	10.00								includes gas		-0.48				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.

Note 3: New rates effective on and after October 1, 2019 per U-20322

Note 4: IRM surcharge effective beginning the July 2019 billing month through September billing month per U-20322

Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the August 2019 Billing Month (dated June 18, 2019 in Case No. U-20356) - **REMOVED**

Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										November 1, 2019	
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge		
	See note 5	See note 2 (\$/month)	See note 1	See note 3		See note 4 (volumetric charges in \$/Ccf)	See note 7				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	-1.05	0.51	0.01988 +	0.33683 +	0.03800 +	-0.00576	0.26500	=	0.65395	
Residential Multi Family Rate 2A Class 1	11.25	2.68	2.61 +	0.01458 +	0.33683 +	0.03800 +	-0.00576	0.26500	=	0.64865	
Residential Multi Family Rate 2A Class 2	31.00	11.54	2.61	0.01458 +	0.33683 +	0.03800 +	-0.00576	0.26500	=	0.64865	
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)	+ 0.03800	(see above)			per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	31.00	-4.29	1.81	0.1458 +	2.7796 +	0.38000 +	-0.0083	2.6500	=	5.9471	
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.1458 +	2.2919 +	0.38000 +	-0.0083	2.6500	=	5.4594	
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.0127 +	2.2919 +	0.38000 +	-0.0083	2.6500	=	5.3263	
Rate S	200.00	-112.04	20.93	0.1458 +	1.7987 +	0.38000 +	-0.0139	2.6500	=	4.9606	
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)		(see above)			per contract	
Transportation											
Rate ST (cost based rate)	2,335.00	0.00	88.78	0.0127	0.9733		0.0000			per contract	
Maximum (optional)	2,335.00		88.78	0.0127	1.7166		0.0000			per contract	
Minimum (optional)	2,335.00		88.78	0.0127	0.2300		0.0000			per contract	
Rate LT (cost based rate)	4,775.00	0.00	408.99	0.0127	0.6615		0.0000			per contract	
Maximum (optional)	4,775.00		408.99	0.0127	1.0930		0.0000			per contract	
Minimum (optional)	4,775.00		408.99	0.0127	0.2300		0.0000			per contract	
Rate XLT (cost based rate)	12,000.00	0.00	2,689.86	0.0127	0.5183		0.0000			per contract	
Maximum (optional)	12,000.00		2,689.86	0.0127	0.8567		0.0000			per contract	
Minimum (optional)	12,000.00		2,689.86	0.0127	0.1800		0.0000			per contract	
Rate XXLT (cost based rate)	125,000.00	0.00	17,411.05	0.0127	0.1483		-0.0002			per contract	
Maximum (optional)	125,000.00		17,411.05	0.0127	0.8567		-0.0002			per contract	
Minimum (optional)	125,000.00		17,411.05	0.0127	0.0500		-0.0002			per contract	
EUT Exploratory Program				0.0058							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge					*see E-17.01						
Load Balancing Storage Charge					0.25/MMBtu						
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st											
Note 2: RDM credit/surcharge effective September 1 - November 30, 2019 per U-20319											
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:	see	Rate Books	for more details								

SEMCO

SEMCO ENERGY GAS COMPANY

November 1, 2019

RESIDENTIAL SERVICE										Total Charge
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				
			see note 2	see note 1		see note 3				
		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03383	0.17342	-0.01738	+(0.26301	+ 0.08699	= 0.35000	): 0.53987
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699		
COMMERCIAL & INDUSTRIAL SERVICE										
			(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Sales										
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.4031	1.8203	-0.15090	+(2.63010	+ 0.8699	+ 3.5000	): 7.57250
	(>9 Dth)			0.0001	1.8203	-0.15090	2.63010	0.8699	3.5000	5.16950
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.4031	1.3932	-0.10000	+(2.63010	+ 0.8699	+ 3.5000	): 7.19630
	(>9 Dth)			0.0001	1.3932	-0.10000	2.63010	0.8699	3.5000	4.79330
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.4031	1.0985	-0.07690	+(2.63010	+ 0.8699	+ 3.5000	): 6.92470
	(>9 Dth)			0.0001	1.0985	-0.07690	2.63010	0.8699	3.5000	4.52170
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	From Others per contract	+ 0.86990		
Transportation		Customer Charge	MRP Charge	EWR Charge	Remote Meter Charge		From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge
		(\$/month)			(\$/month)			(Nov - Mar)	(Apr - Oct)	
TR-1	(0-2500 Dth)	350.00	273.89	0.14160	75.00	-0.04700	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1,590.00	500.00	0.14160	75.00	-0.04210	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7,290.00	500.00	0.14160	75.00	-0.03180	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect[Rates at semcoenergy.com](#)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.01903	0.34184	= 0.4203
Seasonal	10.00	0.09744	+ -0.01903	0.34184	= 0.4203
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.1903	3.4184	= 4.0795
Small Seasonal	18.62	0.8514	+ -0.1903	3.4184	= 4.0795
Large	98.96	0.6214	+ -0.1903	3.4184	= 3.8495
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.02982	0.37786	= 0.5824
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	3.7786	= 5.1829
Firm (304)	274.01	1.7500	+ -0.1570	3.7786	= 5.3716
Interruptible (303)	75.00	0.6400	+ -0.1570	3.7786	= 4.2616
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Monthly Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation - Class 1 Transport	168.00	0.0223

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.7681	3.1246 /Mcf	U-20322
DTE Gas Company	Unchanged	2.8000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Increase	3.4840	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Unchanged	3.7000	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Unchanged	3.5796	3.5796 /Dth	U-20247
Xcel Energy	Increase	3.7786	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
-U-20233 - As Filed or as Ordered	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
-U-20235- As Filed or As Ordered	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
-U-20239- As Filed or as Ordered	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
-U-20243-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
-U-20245 - As Filed or as Ordered	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
-U-20247 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
-U-20241 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

GAS COST RECOVERY FACTOR HISTORY

October 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.7691	2.7262	2.6497	2.7681			/Mcf
-U-20233- As Filed or as Ordered	3.1246	3.1246	3.1246	3.1246			/Mcf
DTE Gas Company							
- As Currently Billed	2.8000	2.8000	2.8000	2.8000			/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000	2.8000	2.8000			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4790	3.4790	3.4770	3.4840			/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859	3.4859			/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540	4.1540	4.1540	4.1540			/Mcf
-U-20243-As Filed or as Ordered	4.1540	4.1540	4.1540	4.1540			/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.7000			/Dth
-U-20245 - As Filed or as Ordered	4.1408	3.7189	3.7189	3.7189			/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796	3.5796	3.5796			/Dth
-U-20247 - As Filed or as Ordered	3.5796	3.5796	3.5796	3.5796			/Dth
Xcel Energy							
- As Currently Billed	3.7130	3.7130	3.7130	3.7786			/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080	4.0080			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	12.11	0.32398	+ 0.27681	= 0.60079	\$72.19	2%
DTE Gas Company	10.71	0.38895	+ 0.28000	= 0.66895	\$77.61	10%
Michigan Gas Utilities Corp	13.00	0.13246	+ 0.34840	= 0.48086	\$61.09	-14%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	36%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.18987	+ 0.37000	= 0.55987	\$68.99	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09268	+ 0.35796	= 0.45064	\$50.06	-29%
Xcel Energy	11.00	0.20458	+ 0.37786	= 0.58244	\$69.24	-2%
AVERAGE RATE	10.97	0.25169	+ 0.34663	= 0.52353	\$70.81	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2019

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.36	+	0.00	+	0.02367	+	0.30031		0.00		0.27681	=	0.60079
Rate A-1 Residential Multi-Family	11.75	+	0.36	+	0.00	+	0.02367	+	0.30031		0.00		0.27681	=	0.60079
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.36				0.02367		0.30031		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.55		0.00	+	0.3496	+	2.51330		0.00		From Utility		
General Service - Rate GS-2	85.40		5.20		0.00	+	0.3496	+	1.95170		0.00		2.7681	=	5.0694
General Service - Rate GS-3 (0-100,000 Year)	480.23		29.80		0.00	+	0.3496	+	1.46080		0.00		2.7681	=	4.5785
General Service - Rate GS-3 (>100,000 Year)	480.23		29.80		0.00	+	0.0117	+	1.46080		0.00		2.7681	=	4.2406
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		13.35		0.00		0.3496		1.0705		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		13.35		0.00		0.0117		1.0705		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78		20.66		0.00		0.3496		0.7932		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2,554.78		20.66		0.00		0.0117		0.7932		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85		152.83		0.00		0.3496		0.6969		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51		2522.85		0.00		0.0117		0.5394		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		-0.48				
2.6 to 4.5 CF/Hr	11.00								includes gas		-0.48				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.															
Note 3: New rates effective on and after September 1, 2018 per U-18424															
Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-18424															
Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the August 2019 Billing Month (dated June 18, 2019 in Case No. U-20356) - REMOVED															
Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY										October 1, 2019	
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit C	GCR Factor	Total Vol Charge		
	See note 5	See note 2 (\$/month)	See note 1	See note 3		See note 4 (volumetric charges in \$/Ccf)	See note 7				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	-1.05	0.51	0.01988 +	0.33683 +	0.03800 +	-0.00576	0.28000	= 0.66895		
Residential Multi Family Rate 2A Class 1	11.25	2.68	2.61 +	0.01458 +	0.33683 +	0.03800 +	-0.00576	0.28000	= 0.66365		
Residential Multi Family Rate 2A Class 2	31.00	11.54	2.61	0.01458 +	0.33683 +	0.03800 +	-0.00576	0.28000	= 0.66365		
<u>Customer Choice</u>									From Others		
<u>alternative suppliers</u>	(see above)				(see above)	+ 0.03800	(see above)		per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales											
Rate GS-1	31.00	-4.29	1.81	0.1458 +	2.7796 +	0.38000 +	-0.0083	2.8000	= 6.0971		
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.1458 +	2.2919 +	0.38000 +	-0.0083	2.8000	= 5.6094		
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.0127 +	2.2919 +	0.38000 +	-0.0083	2.8000	= 5.4763		
Rate S	200.00	-112.04	20.93	0.1458 +	1.7987 +	0.38000 +	-0.0139	2.8000	= 5.1106		
<u>Customer Choice</u>									From Others		
<u>alternative suppliers</u>	(see above)				(see above)		(see above)		per contract		
Transportation											
Rate ST (cost based rate)	2,335.00	0.00	88.78	0.0127	0.9733		0.0000		per contract		
Maximum (optional)	2,335.00		88.78	0.0127	1.7166		0.0000		per contract		
Minimum (optional)	2,335.00		88.78	0.0127	0.2300		0.0000		per contract		
Rate LT (cost based rate)	4,775.00	0.00	408.99	0.0127	0.6615		0.0000		per contract		
Maximum (optional)	4,775.00		408.99	0.0127	1.0930		0.0000		per contract		
Minimum (optional)	4,775.00		408.99	0.0127	0.2300		0.0000		per contract		
Rate XLT (cost based rate)	12,000.00	0.00	2,689.86	0.0127	0.5183		0.0000		per contract		
Maximum (optional)	12,000.00		2,689.86	0.0127	0.8567		0.0000		per contract		
Minimum (optional)	12,000.00		2,689.86	0.0127	0.1800		0.0000		per contract		
Rate XXLT (cost based rate)	125,000.00	0.00	17,411.05	0.0127	0.1483		-0.0002		per contract		
Maximum (optional)	125,000.00		17,411.05	0.0127	0.8567		-0.0002		per contract		
Minimum (optional)	125,000.00		17,411.05	0.0127	0.0500		-0.0002		per contract		
EUT Exploratory Program				0.0058							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge					*see E-17.01						
Load Balancing Storage Charge					0.25/MMBtu						
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st											
Note 2: RDM credit/surcharge effective September 1 - November 30, 2019 per U-20319											
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.										October 1, 2019	
	Customer Charge	EWB Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge				Total Vol Charge	
		see note 1	see note 2	see note 3		see note 5	see note 4				
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.01441	0.000000	0.00790	0.15871	-0.04856	+(2.8890	+ 0.05950	= 0.34840	)= 0.48086	
Gas Light Rate-Residential				0.00790	0.15871	-0.04856	+(0.28890	+ 0.05950	= 0.34840	)= 0.46645	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.04466	+ per contract	+ 0.05950			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	4.13	0.000000	0.07900	1.58700	-0.24290	+(2.8890	+ 0.5950	= 3.4840	)= 4.90710	
Large General Service	425.00	154.06		0.07900	1.03220	-0.32080	+(2.8890	+ 0.5950	= 3.4840	)= 4.27440	
GasLight Rate-Commercial		8.63		0.07900	1.58700	-0.24290	+(2.8890	+ 0.5950	= 3.4840	)= 4.90710	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				(see above)	+ per contract	+ 0.59500			
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)						
Transportation	\$/mo										
TR-1	850.00	42.02		0.7777	0.6277	-0.08950					
TR-2	2,250.00	152.35		0.4796	0.3296	-0.06010					
TR-3	3,050.00	953.63		0.4651	0.3151	-0.07010					
<p>Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036</p> <p>Note 2: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed</p> <p>Note 3: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 4: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.</p> <p>Note 5: TCJA "Credit A" effective July 1, 2018 per U-20114. TCJA "Credit B" adjustment effective June 1, 2019 through June 30, 2019. TCJA "Credit C" effective June 1, 2019 - Dec. 31, 2019</p> <p>Customer Attachment Program</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p>											

SEMCO

SEMCO ENERGY GAS COMPANY

October 1, 2019

RESIDENTIAL SERVICE										Total Charge
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				
			see note 2	see note 1		see note 3				
		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03383	0.17342	-0.01738	+(0.28301	+ 0.08699	=	0.37000): 0.55987
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699		
COMMERCIAL & INDUSTRIAL SERVICE										
		(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Sales										
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.4031	1.8203	-0.15090	+(2.83010	+ 0.8699	+	3.7000): 7.77250
				0.0001	1.8203	-0.15090	2.83010	0.8699		3.7000 5.36950
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.4031	1.3932	-0.10000	+(2.83010	+ 0.8699	+	3.7000): 7.39630
				0.0001	1.3932	-0.10000	2.83010	0.8699		3.7000 4.99330
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.4031	1.0985	-0.07690	+(2.83010	+ 0.8699	+	3.7000): 7.12470
				0.0001	1.0985	-0.07690	2.83010	0.8699		3.7000 4.72170
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	From Others per contract	+ 0.86990		
Transportation		Customer Charge (\$/month)	MRP Charge	EWR Charge	Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1 (0-2500 Dth)		350.00	273.89	0.14160	75.00	-0.04700	per contract	0.9068	0.7568	0.0344
				0.0001		-0.04700		0.9068	0.7568	0.0344
TR-2 (0-2500 Dth)		1,590.00	500.00	0.14160	75.00	-0.04210	per contract	0.6279	0.4779	0.0344
				0.0001		-0.04210		0.6279	0.4779	0.0344
TR-3 (0-2500 Dth)		7,290.00	500.00	0.14160	75.00	-0.03180	per contract	0.4031	0.2531	0.0344
				0.0001		-0.03180		0.4031	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effectRates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00476	0.35796	= 0.4506
Seasonal	10.00	0.09744	+ -0.00476	0.35796	= 0.4506
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0476	3.5796	= 4.3834
Small Seasonal	18.62	0.8514	+ -0.0476	3.5796	= 4.3834
Large	98.96	0.6214	+ -0.0476	3.5796	= 4.1534
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.02982	0.37786	= 0.5824
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	3.7786	= 5.1829
Firm (304)	274.01	1.7500	+ -0.1570	3.7786	= 5.3716
Interruptible (303)	75.00	0.6400	+ -0.1570	3.7786	= 4.2616
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.6497	3.1246 /Mcf	U-20322
DTE Gas Company	Unchanged	2.8000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.4770	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Unchanged	3.7000	3.7189 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Unchanged	3.5796	3.5796 /Dth	U-20247
Xcel Energy	Unchanged	3.7130	4.0080 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
-U-20233 - As Filed or as Ordered	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
-U-20235- As Filed or as Ordered	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
-U-20239- As Filed or as Ordered	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
-U-20243-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
-U-20245 - As Filed or as Ordered	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
-U-20247 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
-U-20241 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

GAS COST RECOVERY FACTOR HISTORY

September 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.7691	2.7262	2.6497				/Mcf
-U-20233- As Filed or as Ordered	3.1246	3.1246	3.1246				/Mcf
DTE Gas Company							
- As Currently Billed	2.8000	2.8000	2.8000				/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000	2.8000				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4790	3.4790	3.4770				/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859	3.4859				/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540	4.1540					/Mcf
-U-20243-As Filed or as Ordered	4.1540	4.1540	4.1540				/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7000	3.7000	4.1540				/Dth
-U-20245 - As Filed or as Ordered	4.1408	3.7189	3.7189				/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796	3.5796				/Dth
-U-20247 - As Filed or as Ordered	3.5796	3.5796	3.5796				/Dth
Xcel Energy							
- As Currently Billed	3.7130	3.7130	3.7130				/Dth
-U-20241 - As Filed or as Ordered	4.0080	4.0080	4.0080				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	12.11	0.32398	+ 0.26497	= 0.58895	\$71.01	1%
DTE Gas Company	10.71	0.38895	+ 0.28000	= 0.66895	\$77.61	10%
Michigan Gas Utilities Corp	13.00	0.13246	+ 0.34770	= 0.48016	\$61.02	-13%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	37%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.18987	+ 0.37000	= 0.55987	\$68.99	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09268	+ 0.35796	= 0.45064	\$50.06	-29%
Xcel Energy	11.00	0.20458	+ 0.37130	= 0.57588	\$68.59	-3%
AVERAGE RATE	10.97	0.25169	+ 0.34390	= 0.52114	\$70.53	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2019

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.36	+	0.00	+	0.02367	+	0.30031		0.00		From Utility	0.26497	= 0.58895
Rate A-1 Residential Multi-Family	11.75	+	0.36	+	0.00	+	0.02367	+	0.30031		0.00		From Utility	0.26497	= 0.58895
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.36				0.02367		0.30031		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.55		0.00	+	0.3496	+	2.51330		0.00		From Utility	2.6497	= 5.5126
General Service - Rate GS-2	85.40		5.20		0.00	+	0.3496	+	1.95170		0.00		From Utility	2.6497	= 4.9510
General Service - Rate GS-3 (0-100,000 Year)	480.23		29.80		0.00	+	0.3496	+	1.46080		0.00		From Utility	2.6497	= 4.4601
General Service - Rate GS-3 (>100,000 Year)	480.23		29.80		0.00	+	0.0117	+	1.46080		0.00		From Utility	2.6497	= 4.1222
Customer Choice															
alternative suppliers	(see above)		(see above)						(see above)		(see above)		From Others		
Transportation													per contract		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		13.35		0.00		0.3496		1.0705		0.00		From Others		
Rate ST Cost Based Rate (>100,000 Year)	500.00		13.35		0.00		0.0117		1.0705		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78		20.66		0.00		0.3496		0.7932		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2,554.78		20.66		0.00		0.0117		0.7932		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85		152.83		0.00		0.3496		0.6969		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51		2522.85		0.00		0.0117		0.5394		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER Sheet D-12.00															
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		-0.48				
2.6 to 4.5 CF/Hr	11.00								includes gas		-0.48				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.

Note 3: New rates effective on and after September 1, 2018 per U-18424

Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-18424

Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the August 2019 Billing Month (dated June 18, 2019 in Case No. U-20356) - **REMOVED**

Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										September 1, 2019	
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit c	GCR Factor	Total Vol Charge		
	See note 5	See note 2 (\$/month)	See note 1	See note 3		See note 4	See note 7				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	-1.05	0.51	0.01988 +	0.33683 +	0.03800 +	-0.00576			From Utility	
Residential Multi Family Rate 2A Class 1	11.25	2.68	2.61 +	0.01458 +	0.33683 +	0.03800 +	-0.00576			0.28000 =	0.66895
Residential Multi Family Rate 2A Class 2	31.00	11.54	2.61	0.01458 +	0.33683 +	0.03800 +	-0.00576			0.28000 =	0.66365
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)	+ 0.03800	(see above)			per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
Sales											
Rate GS-1	31.00	-4.29	1.81	0.1458 +	2.7796 +	0.38000 +	-0.0083			From Utility	
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.1458 +	2.2919 +	0.38000 +	-0.0083			2.8000 =	6.0971
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.0127 +	2.2919 +	0.38000 +	-0.0083			2.8000 =	5.6094
Rate S	200.00	-112.04	20.93	0.1458 +	1.7987 +	0.38000 +	-112.0400			2.8000 =	-106.9155
Customer Choice										From Others	
alternative suppliers	(see above)				(see above)		(see above)			per contract	
Transportation											
Rate ST (cost based rate)	2,335.00	0.00	88.78	0.0127	0.9733		0.0000			From Others	
Maximum (optional)	2,335.00		88.78	0.0127	1.7166		0.0000			per contract	
Minimum (optional)	2,335.00		88.78	0.0127	0.2300		0.0000			per contract	
Rate LT (cost based rate)	4,775.00	0.00	408.99	0.0127	0.6615		0.0000			per contract	
Maximum (optional)	4,775.00		408.99	0.0127	1.0930		0.0000			per contract	
Minimum (optional)	4,775.00		408.99	0.0127	0.2300		0.0000			per contract	
Rate XLT (cost based rate)	12,000.00	0.00	2,689.86	0.0127	0.5183		0.0000			per contract	
Maximum (optional)	12,000.00		2,689.86	0.0127	0.8567		0.0000			per contract	
Minimum (optional)	12,000.00		2,689.86	0.0127	0.1800		0.0000			per contract	
Rate XXLT (cost based rate)	125,000.00	0.00	17,411.05	0.0127	0.1483		-0.0002			per contract	
Maximum (optional)	125,000.00		17,411.05	0.0127	0.8567		-0.0002			per contract	
Minimum (optional)	125,000.00		17,411.05	0.0127	0.0500		-0.0002			per contract	
EUT Exploratory Program				0.0058							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge					*see E-17.01						
Load Balancing Storage Charge					0.25/MMBtu						
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st											
Note 2: RDM credit/surcharge effective September 1 - November 30, 2019 per U-20319											
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: Implemented on a bills rendered basis and is effective indefinitely commencing with the first billing cycle of September											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

SEMCO

SEMCO ENERGY GAS COMPANY

September 1, 2019

RESIDENTIAL SERVICE											Total Charge
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge					
			see note 2	see note 1		see note 3					
		(\$/month)		(volumetric charges in \$/Therm metered)							
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.50	0.03383	0.17342	-0.01738	+(0.28301	+ 0.08699	=	0.37000): 0.55987	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699			
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)		(volumetric charges in \$/Dth metered)							
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.4031	1.8203	-0.15090	+(2.83010	+ 0.8699	+	3.7000): 7.77250	
				0.0001	1.8203	-0.15090	2.83010	0.8699		3.7000 5.36950	
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.4031	1.3932	-0.10000	+(2.83010	+ 0.8699	+	3.7000): 7.39630	
				0.0001	1.3932	-0.10000	2.83010	0.8699		3.7000 4.99330	
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.4031	1.0985	-0.07690	+(2.83010	+ 0.8699	+	3.7000): 7.12470	
				0.0001	1.0985	-0.07690	2.83010	0.8699		3.7000 4.72170	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	From Others per contract	+ 0.86990			
Transportation		Customer Charge	MRP Charge	EWR Charge	Remote Meter Charge		From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)			(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth	\$/Dth	
TR-1 (0-2500 Dth)		350.00	273.89	0.14160	75.00	-0.04700	per contract	0.9068	0.7568	0.0344	
				0.0001		-0.04700		0.9068	0.7568	0.0344	
TR-2 (0-2500 Dth)		1,590.00	500.00	0.14160	75.00	-0.04210	per contract	0.6279	0.4779	0.0344	
				0.0001		-0.04210		0.6279	0.4779	0.0344	
TR-3 (0-2500 Dth)		7,290.00	500.00	0.14160	75.00	-0.03180	per contract	0.4031	0.2531	0.0344	
				0.0001		-0.03180		0.4031	0.2531	0.0344	

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00476	0.35796	= 0.4506
Seasonal	10.00	0.09744	+ -0.00476	0.35796	= 0.4506
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0476	3.5796	= 4.3834
Small Seasonal	18.62	0.8514	+ -0.0476	3.5796	= 4.3834
Large	98.96	0.6214	+ -0.0476	3.5796	= 4.1534
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0298	0.37130	= 0.5759
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	3.7130	= 5.1173
Firm (304)	274.01	1.7500	+ -0.1570	3.7130	= 5.3060
Interruptible (303)	75.00	0.6400	+ -0.1570	3.7130	= 4.1960
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.7262	3.1246 /Mcf	U-20322
DTE Gas Company	Unchanged	2.8000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.4790	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	3.7000	4.1408 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.5796	3.5796 /Dth	U-20247
Xcel Energy	Unchanged	3.7130	4.0408 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
-U-20233 - As Filed or as Ordered	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
-U-20235- As Filed or as Ordered	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
-U-20239- As Filed or as Ordered	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
-U-20243-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
-U-20245 - As Filed or as Ordered	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
-U-20247 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
-U-20241 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

GAS COST RECOVERY FACTOR HISTORY

August 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.7691	2.7262					/Mcf
-U-20233- As Filed or as Ordered	3.1246	3.1246					/Mcf
DTE Gas Company							
- As Currently Billed	2.8000	2.8000					/Mcf
-U-20235- As Filed or As Ordered	2.8000	2.8000					/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4790	3.4790					/Mcf
-U-20239- As Filed or as Ordered	3.4859	3.4859					/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540	4.1540					/Mcf
-U-20243-As Filed or as Ordered	4.1540	4.1540					/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7000	3.7000					/Dth
-U-20245 - As Filed or as Ordered	4.1408	4.1408					/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796					/Dth
-U-20247 - As Filed or as Ordered	3.5796	3.5796					/Dth
Xcel Energy							
- As Currently Billed	3.7130	3.7130					/Dth
-U-20241 - As Filed or as Ordered	4.0408	4.0408					/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	14.41	0.32398	+ 0.27262	= 0.59660	\$74.07	4%
DTE Gas Company	11.76	0.39471	+ 0.28000	= 0.67471	\$79.23	11%
Michigan Gas Utilities Corp	13.00	0.13246	+ 0.34790	= 0.48036	\$61.04	-14%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	35%
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.37000	= 0.56147	\$69.15	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09268	+ 0.35796	= 0.45064	\$50.06	-30%
Xcel Energy	11.00	0.20458	+ 0.37130	= 0.57588	\$68.59	-4%
AVERAGE RATE	11.45	0.25274	+ 0.34503	= 0.52305	\$71.23	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2019

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.36	+	2.30	+	0.02367	+	0.30031		0.00		0.27262	=	0.59660
Rate A-1 Residential Multi-Family	11.75	+	0.36	+	17.92	+	0.02367	+	0.30031		0.00		0.27262	=	0.59660
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice															
alternative suppliers	11.75		0.36				0.02367		0.30031		(see above)		From Others		
													per contract		
													* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.55		3.99	+	0.3496	+	2.51330		0.00		From Utility		
General Service - Rate GS-2	85.40		5.20		49.35	+	0.3496	+	1.95170		0.00		2.7262	=	5.0275
General Service - Rate GS-3 (0-100,000 Year)	480.23		29.80		0.00	+	0.3496	+	1.46080		0.00		2.7262	=	4.5366
General Service - Rate GS-3 (>100,000 Year)	480.23		29.80		0.00	+	0.0117	+	1.46080		0.00		2.7262	=	4.1987
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		13.35		0.00		0.3496		1.0705		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		13.35		0.00		0.0117		1.0705		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78		20.66		0.00		0.3496		0.7932		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2,554.78		20.66		0.00		0.0117		0.7932		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85		152.83		0.00		0.3496		0.6969		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51		2522.85		0.00		0.0117		0.5394		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		-0.48				
2.6 to 4.5 CF/Hr	11.00								includes gas		-0.48				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.

Note 3: New rates effective on and after September 1, 2018 per U-18424

Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-18424

Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the August 2019 Billing Month (dated June 18, 2019 in Case No. U-20356)

Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										August 1, 2019	
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit B	GCR Factor	Total Vol Charge		
	See note 5	See note 2 (\$/month)	See note 1	See note 3		See note 4	See note 7				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.51	0.01988 +	0.33683	+ 0.03800	+ 0.00000	0.28000	=	0.67471	
Residential Multi Family Rate 2A Class 1	11.25	0.00	2.61 +	0.01458 +	0.33683	+ 0.03800	+ 0.00000	0.28000	=	0.66941	
Residential Multi Family Rate 2A Class 2	31.00	0.00	2.61	0.01458 +	0.33683	+ 0.03800	+ 0.00000	0.28000	=	0.66941	
<u>Customer Choice</u>										From Utility	
<u>alternative suppliers</u>	(see above)				(see above)	+ 0.03800	+ (see above)			per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)								(volumetric charges in \$/Mcf metered)	
Sales											
Rate GS-1	31.00		1.81	0.1458 +	2.7796	+ 0.38000	+ 0.0000	2.8000	=	6.1054	
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.1458 +	2.2919	+ 0.38000	+ 0.0000	2.8000	=	5.6177	
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.0127 +	2.2919	+ 0.38000	+ 0.0000	2.8000	=	5.4846	
Rate S	200.00	0.00	20.93	0.1458 +	1.7987	+ 0.38000	+ 0.0000	2.8000	=	5.1245	
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	(see above)				(see above)		(see above)			per contract	
Transportation										From Others	
Rate ST (cost based rate)	2,335.00		88.78	0.0127	0.9733		0.0000			per contract	
Maximum (optional)	2,335.00		88.78	0.0127	1.7166		0.0000			per contract	
Minimum (optional)	2,335.00		88.78	0.0127	0.2300		0.0000			per contract	
Rate LT (cost based rate)	4,775.00		408.99	0.0127	0.6615		0.0000			per contract	
Maximum (optional)	4,775.00		408.99	0.0127	1.0930		0.0000			per contract	
Minimum (optional)	4,775.00		408.99	0.0127	0.2300		0.0000			per contract	
Rate XLT (cost based rate)	12,000.00		2,689.86	0.0127	0.5183		0.0000			per contract	
Maximum (optional)	12,000.00		2,689.86	0.0127	0.8567		0.0000			per contract	
Minimum (optional)	12,000.00		2,689.86	0.0127	0.1800		0.0000			per contract	
Rate XXL (cost based rate)	125,000.00		17,411.05	0.0127	0.1483		-0.0002			per contract	
Maximum (optional)	125,000.00		17,411.05	0.0127	0.8567		-0.0002			per contract	
Minimum (optional)	125,000.00		17,411.05	0.0127	0.0500		-0.0002			per contract	
EUT Exploratory Program				0.0058							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge					*see E-17.01						
Load Balancing Storage Charge					0.25/MMBtu						
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st											
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed											
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: TCJA Credit B per U-20189 is effective on a bills rendered basis and is effective for a six month billing period beginning in January 2019 and ending in June 2019											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

SEMCO ENERGY GAS COMPANY

August 1, 2019

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge
			see note 2	see note 1		see note 3				
RESIDENTIAL SERVICE										
		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(0.28301	+ 0.08699	= 0.37000	): 0.56147
Customer Choice-Residential alternative suppliers		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699		
COMMERCIAL & INDUSTRIAL SERVICE										
		(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Sales										
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.286	1.8203	-0.15090	+(2.83010	+ 0.8699	+ 3.7000	): 7.65540
	(>9 Dth)			0.0001	1.8203	-0.15090	2.83010	0.8699	3.7000	5.36950
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.286	1.3932	-0.10000	+(2.83010	+ 0.8699	+ 3.7000	): 7.27920
	(>9 Dth)			0.0001	1.3932	-0.10000	2.83010	0.8699	3.7000	4.99330
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.286	1.0985	-0.07690	+(2.83010	+ 0.8699	+ 3.7000	): 7.00760
	(>9 Dth)			0.0001	1.0985	-0.07690	2.83010	0.8699	3.7000	4.72170
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)	0.00000	From Others per contract	+ 0.86990		
TRANSPORTATION										
		Customer Charge (\$/month)		Remote Meter Charge (\$/month)			From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	(0-2500 Dth)	350.00	273.89	0.20050	75.00	-0.04700	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1,590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7,290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.										
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018										
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
Rates Reference: see Rate Books for more details										
surcharges are in addition to rates above										

OTHER MICHIGAN-PSC REGULATED

August 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00476	0.35796	= 0.4506
Seasonal	10.00	0.09744	+ -0.00476	0.35796	= 0.4506
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0476	3.5796	= 4.3834
Small Seasonal	18.62	0.8514	+ -0.0476	3.5796	= 4.3834
Large	98.96	0.6214	+ -0.0476	3.5796	= 4.1534
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0298	0.37130	= 0.5759
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	3.7130	= 5.1173
Firm (304)	274.01	1.7500	+ -0.1570	3.7130	= 5.3060
Interruptible (303)	75.00	0.6400	+ -0.1570	3.7130	= 4.1960
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.7691	3.1246 /Mcf	U-20322
DTE Gas Company	Unchanged	2.8000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.4790	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	3.7000	4.1408 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.5796	3.5796 /Dth	U-20247
Xcel Energy	Unchanged	3.7130	4.0408 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
<u>-U-20233 - As Filed or as Ordered</u>	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
<u>-U-20235- As Filed or As Ordered</u>	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
<u>-U-20239- As Filed or as Ordered</u>	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
<u>-U-20243-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
<u>-U-20245 - As Filed or as Ordered</u>	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
<u>-U-20247 - As Filed or as Ordered</u>	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
<u>-U-20241 - As Filed or as Ordered</u>	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

GAS COST RECOVERY FACTOR HISTORY

July 1, 2019

Calendar Year of GCR Factors

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	2.7691						/Mcf
-U-20233 - As Filed or as Ordered	3.1246						/Mcf
DTE Gas Company							
- As Currently Billed	2.8000						/Mcf
-U-20235- As Filed or As Ordered	2.8000						/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4790						/Mcf
-U-20239- As Filed or as Ordered	3.4859						/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1540						/Mcf
-U-20243-As Filed or as Ordered	4.1540						/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7000						/Dth
-U-20245 - As Filed or as Ordered	4.1408						/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796						/Dth
-U-20247 - As Filed or as Ordered	3.5796						/Dth
Xcel Energy							
- As Currently Billed	3.7130						/Dth
-U-20241 - As Filed or as Ordered	4.0408						/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	11.75	0.32398	+ 0.27691	= 0.60089	\$71.84	1%
DTE Gas Company	11.76	0.39471	+ 0.28000	= 0.67471	\$79.23	12%
Michigan Gas Utilities Corp	13.00	0.13246	+ 0.34790	= 0.48036	\$61.04	-14%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	36%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.37000	= 0.56147	\$69.15	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09268	+ 0.35796	= 0.45064	\$50.06	-29%
Xcel Energy	11.00	0.20458	+ 0.37130	= 0.57588	\$68.59	-3%
AVERAGE RATE	11.07	0.25274	+ 0.34564	= 0.52358	\$70.91	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2019

	Customer Charge		IRM Surcharge see note 4 (\$/month)		RDM Surcharge see note 5		Energy Efficiency Charge see note 2		Distribution Charge see note 3		TCJA Surcharge see note 6 (volumetric charges in \$/ccf)		GCR Factor		Total Vol Charge	
RESIDENTIAL SERVICE																
Sales																
Rate A	11.75	+	0.36	+	0.00	+	0.02367	+	0.30031		0.00		From Utility	0.27691	=	0.60089
Rate A-1 Residential Multi-Family	11.75	+	0.36	+	0.00	+	0.02367	+	0.30031		0.00		0.27691	=	0.60089	
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)																
Customer Choice													From Others			
alternative suppliers	11.75		0.36				0.02367		0.30031		(see above)		per contract			
* including EO Surcharge (Note 2)																
COMMERCIAL & INDUSTRIAL SERVICE																
Sales																
General Service - Rate GS-1	14.00		0.55		0.00	+	0.3496	+	2.51330		0.00		From Utility	2.7691	=	5.6320
General Service - Rate GS-2	85.40		5.20		0.00	+	0.3496	+	1.95170		0.00		2.7691	=	5.0704	
General Service - Rate GS-3 (0-100,000 Year)	480.23		29.80		0.00	+	0.3496	+	1.46080		0.00		2.7691	=	4.5795	
General Service - Rate GS-3 (>100,000 Year)	480.23		29.80		0.00	+	0.0117	+	1.46080		0.00		2.7691	=	4.2416	
Customer Choice													From Others			
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract			
Transportation																
Rate ST Cost Based Rate (0-100,000 Year)	500.00		13.35		0.00		0.3496		1.0705		0.00		per contract			
Rate ST Cost Based Rate (>100,000 Year)	500.00		13.35		0.00		0.0117		1.0705		0.00		per contract			
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78		20.66		0.00		0.3496		0.7932		0.00		per contract			
Rate LT Cost Based Rate (>100,000 Year)	2,554.78		20.66		0.00		0.0117		0.7932		0.00		per contract			
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85		152.83		0.00		0.3496		0.6969		0.00		per contract			
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51		2522.85		0.00		0.0117		0.5394		0.00		per contract			
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract			
OTHER Sheet D-12.00 (\$/luminaire)																
Outdoor Gas Light - Rate GL																
up to 2.5 CF/Hr	6.00								includes gas		-0.48					
2.6 to 4.5 CF/Hr	11.00								includes gas		-0.48					

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.

Note 3: New rates effective on and after September 1, 2018 per U-18424

Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-18424

Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the August 2019 Billing Month (dated June 18, 2019 in Case No. U-20356)

Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										July 1, 2019				
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit B	GCR Factor	Total Vol Charge					
	See note 5	See note 2 (\$/month)	See note 1	See note 3	See note 4 (volumetric charges in \$/Ccf)		See note 7							
RESIDENTIAL SERVICE														
Sales														
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.51	0.01988	+	0.33683	+	0.03800	+	0.00000	From Utility			
Residential Multi Family Rate 2A Class 1	11.25	0.00	2.61	+	0.01458	+	0.33683	+	0.03800	+	0.00000	0.28000	=	0.67471
Residential Multi Family Rate 2A Class 2	31.00	0.00	2.61		0.01458	+	0.33683	+	0.03800	+	0.00000	0.28000	=	0.66941
Customer Choice										From Others				
alternative suppliers	(see above)				(see above)	+	0.03800	+	(see above)		per contract			
COMMERCIAL & INDUSTRIAL SERVICE														
Sales										From Utility				
Rate GS-1	31.00		1.81	0.1458	+	2.7796	+	0.38000	+	0.0000	2.8000	=	6.1054	
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.1458	+	2.2919	+	0.38000	+	0.0000	2.8000	=	5.6177	
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.0127	+	2.2919	+	0.38000	+	0.0000	2.8000	=	5.4846	
Rate S	200.00	0.00	20.93	0.1458	+	1.7987	+	0.38000	+	0.0000	2.8000	=	5.1245	
Customer Choice										From Others				
alternative suppliers	(see above)				(see above)			(see above)		per contract				
Transportation										From Others				
Rate ST (cost based rate)	2,335.00		88.78	0.0127		0.9733		-0.0011		per contract				
Maximum (optional)	2,335.00		88.78	0.0127		1.7166		-0.0011		per contract				
Minimum (optional)	2,335.00		88.78	0.0127		0.2300		-0.0011		per contract				
Rate LT (cost based rate)	4,775.00		408.99	0.0127		0.6615		-0.0007		per contract				
Maximum (optional)	4,775.00		408.99	0.0127		1.0930		-0.0007		per contract				
Minimum (optional)	4,775.00		408.99	0.0127		0.2300		-0.0007		per contract				
Rate XLT (cost based rate)	12,000.00		2,689.86	0.0127		0.5183		0.0000		per contract				
Maximum (optional)	12,000.00		2,689.86	0.0127		0.8567		0.0000		per contract				
Minimum (optional)	12,000.00		2,689.86	0.0127		0.1800		0.0000		per contract				
Rate XXLT (cost based rate)	125,000.00		17,411.05	0.0127		0.1483		-0.0002		per contract				
Maximum (optional)	125,000.00		17,411.05	0.0127		0.8567		-0.0002		per contract				
Minimum (optional)	125,000.00		17,411.05	0.0127		0.0500		-0.0002		per contract				
EUT Exploratory Program				0.0058										
Rate XLT/XXLT-Remote Meter Charge	100.00													
Unauthorized Gas Usage Charge						*see E-17.01								
Load Balancing Storage Charge						0.25/MMBtu								
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each January 1st														
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed														
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035														
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019														
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round														
Note 7: TCJA Credit B per U-20189 is effective on a bills rendered basis and is effective for a six month billing period beginning in January 2019 and ending in June 2019														
Rates at utilities.dteenergy.com (PDF version)														
My.dteenergy.com for understanding your bill														
Rates Reference: see Rate Books for more details														

MICHIGAN GAS UTILITIES CORP.										July 1, 2019
	Customer Charge	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	Total Vol Charge			
		see note 1	see note 2	see note 3		see note 5	see note 4			
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)				
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	13.00	0.01441	0.000000	0.00790	0.15871	-0.04856	+ 0.28840	+ 0.05950	= 0.34790	= 0.48036
Gas Light Rate-Residential				0.00790	0.15871	-0.04856	+ 0.28840	+ 0.05950	= 0.34790	= 0.46595
Customer Choice-Residential alternative suppliers	(see above)	(see above)	(see above)	N/A		-0.04466	From Others per contract	Reservation Charge 0.05950		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales										
Small General Service	35.00	4.13	0.000000	0.07900	1.58700	-0.24290	+ 2.8840	+ 0.5950	= 3.4790	= 4.90210
Large General Service	425.00	154.06		0.07900	1.03220	-0.32080	+ 2.8840	+ 0.5950	= 3.4790	= 4.26940
GasLight Rate-Commercial		8.63		0.07900	1.58700	-0.24290	+ 2.8840	+ 0.5950	= 3.4790	= 4.90210
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)					From Others per contract	Reservation Charge 0.59500		
	Customer Charge	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation	\$/mo									
TR-1	850.00	42.02		0.7777	0.6277	-0.08950				
TR-2	2,250.00	152.35		0.4796	0.3296	-0.06010				
TR-3	3,050.00	953.63		0.4651	0.3151	-0.07010				

SEMCO

SEMCO ENERGY GAS COMPANY

July 1, 2019

SEMCO ENERGY GAS COMPANY											July 1, 2019
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge			Total Charge		
		see note 2		see note 1		see note 3					
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Therm metered)							
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(0.28301	+ 0.08699	=	0.37000):- 0.56147	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Dth metered)							
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.286	1.8203	-0.15090	+(2.83010	+ 0.8699	+	3.7000):- 7.65540	
				0.0001	1.8203	-0.15090	2.83010	0.8699		3.7000 5.36950	
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.286	1.3932	-0.10000	+(2.83010	+ 0.8699	+	3.7000):- 7.27920	
				0.0001	1.3932	-0.10000	2.83010	0.8699		3.7000 4.99330	
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.286	1.0985	-0.07690	+(2.83010	+ 0.8699	+	3.7000):- 7.00760	
				0.0001	1.0985	-0.07690	2.83010	0.8699		3.7000 4.72170	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	From Others per contract	+ 0.86990			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1 (0-2500 Dth)		350.00	273.89	0.20050	75.00	-0.04700	per contract	0.9068	0.7568	0.0344	
				0.0001		-0.04700		0.9068	0.7568	0.0344	
TR-2 (0-2500 Dth)		1,590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344	
				0.0001		-0.04210		0.6279	0.4779	0.0344	
TR-3 (0-2500 Dth)		7,290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344	
				0.0001		-0.03180		0.4031	0.2531	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.											
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018											
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see Rate Books for more details											
surcharges are in addition to rates above											

OTHER MICHIGAN-PSC REGULATED

July 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00476	0.35796	= 0.4506
Seasonal	10.00	0.09744	+ -0.00476	0.35796	= 0.4506
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.0476	3.5796	= 4.3834
Small Seasonal	18.62	0.8514	+ -0.0476	3.5796	= 4.3834
Large	98.96	0.6214	+ -0.0476	3.5796	= 4.1534
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0298	0.37130	= 0.5759
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	3.7130	= 5.1173
Firm (304)	274.01	1.7500	+ -0.1570	3.7130	= 5.3060
Interruptible (303)	75.00	0.6400	+ -0.1570	3.7130	= 4.1960
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle; UMER Credit C

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.8942	3.1246 /Mcf	<u>U-20322</u>
DTE Gas Company	Unchanged	2.8000	2.8000 /Mcf	<u>U-20235</u>
Michigan Gas Utilities Corp	Decrease	3.4790	3.4859 /Mcf	<u>U-20239</u>
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	<u>U-20243</u>
SEMCO Energy Gas Co	Decrease	4.1408	4.1408 /Dth	<u>U-20245</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.5796	3.5796 /Dth	<u>U-20247</u>
Xcel Energy	Unchanged	4.0408	4.0408 /Dth	<u>U-20241</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311	2.8942	/Mcf
<u>-U-20233- As Filed or as Ordered</u>	3.4360	3.1484	3.1484	3.1655	3.1246	3.1246	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000	2.8000	/Mcf
<u>-U-20235- As Filed or As Ordered</u>	2.9200	2.9200	2.9200	2.8000	2.8000	2.8000	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740	3.4790	/Mcf
<u>-U-20239- As Filed or as Ordered</u>	4.0596	3.8157	3.7669	3.4859	3.4859	3.4859	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
<u>-U-20243-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1540	4.1540	4.1540	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
<u>-U-20245 - As Filed or as Ordered</u>	3.9464	3.7150	3.7150	4.1905	4.1408	4.1408	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
<u>-U-20247 - As Filed or as Ordered</u>	3.8670	3.5796	3.5796	3.6435	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212	4.0408	/Dth
<u>-U-20241 - As Filed or as Ordered</u>	4.0718	4.0718	4.0718	4.6540	4.6540	4.0408	/Dth

GAS COST RECOVERY FACTOR HISTORY

June 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-20233- As Filed or as Ordered</u>							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-20235- As Filed or As Ordered</u>							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-20239- As Filed or as Ordered</u>							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-20243-As Filed or as Ordered</u>							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-20245 - As Filed or as Ordered</u>							/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-20247 - As Filed or as Ordered</u>							/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-20241 - As Filed or as Ordered</u>							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	#REF!	0.32398	+ 0.28942	= 0.61340	#REF!	#REF!
DTE Gas Company	11.76	0.39471	+ 0.28000	= 0.67471	\$79.23	#REF!
Michigan Gas Utilities Corp	13.00	0.18576	+ 0.34790	= 0.53366	\$66.37	#REF!
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	#REF!
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.41408	= 0.60555	\$73.56	#REF!
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.10695	+ 0.35796	= 0.46491	\$51.49	#REF!
Xcel Energy	11.00	0.20458	+ 0.40408	= 0.60866	\$71.87	#REF!
AVERAGE RATE	#REF!	0.26239	+ 0.35841	= 0.54320	#REF!	#REF!

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2019

	Customer Charge		IRM Surcharge		RDM Surcharge		Energy Efficiency Charge		Distribution Charge		TCJA Surcharge		GCR Factor		Total Vol Charge
			see note 4		see note 5		see note 2		see note 3		see note 6				
			(\$/month)								(volumetric charges in \$/ccf)				
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	+	0.00	+	0.00	+	0.02367	+	0.30031		0.00		From Utility	0.28942	= 0.61340
Rate A-1 Residential Multi-Family	11.75	+	0.00	+	0.00	+	0.02367	+	0.30031		0.00		0.28942	=	0.61340
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice													From Others		
alternative suppliers	11.75		0.00				0.02367		0.30031		(see above)		per contract		
* including EO Surcharge (Note 2)															
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00		0.00		0.00	+	0.3496	+	2.51330		0.00		From Utility	2.8942	= 5.7571
General Service - Rate GS-2	85.40		0.00		0.00	+	0.3496	+	1.95170		0.00		2.8942	=	5.1955
General Service - Rate GS-3 (0-100,000 Year)	480.23		0.00		0.00	+	0.3496	+	1.46080		0.00		2.8942	=	4.7046
General Service - Rate GS-3 (>100,000 Year)	480.23		0.00		0.00	+	0.0117	+	1.46080		0.00		2.8942	=	4.3667
Customer Choice													From Others		
alternative suppliers	(see above)		(see above)				(see above)		(see above)		(see above)		per contract		
Transportation															
							(volumetric charges in \$/Mcf)						From Others		
Rate ST Cost Based Rate (0-100,000 Year)	500.00		0.00		0.00		0.3496		1.0705		0.00		per contract		
Rate ST Cost Based Rate (>100,000 Year)	500.00		0.00		0.00		0.0117		1.0705		0.00		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78		0.00		0.00		0.3496		0.7932		0.00		per contract		
Rate LT Cost Based Rate (>100,000 Year)	2,554.78		0.00		0.00		0.0117		0.7932		0.00		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85		0.00		0.00		0.3496		0.6969		0.00		per contract		
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51		0.00		0.00		0.0117		0.5394		0.00		per contract		
XLT/XXLT Remote Meter Charge	70.00				0.00						0.0000		per contract		
OTHER															
Sheet D-12.00			(\$/luminaire)										(\$/luminaire)		
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00								includes gas		-0.48				
2.6 to 4.5 CF/Hr	11.00								includes gas		-0.48				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess of 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.															
Note 3: New rates effective on and after September 1, 2018 per U-18424															
Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-48424															
Note 5: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the November 2018 Billing Month (dated October 24, 2018 in Case No. U-18367) - Removed															
Note 6: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference: see Rate Books															

DTE GAS COMPANY										June 1, 2019					
	Customer Charge	RDM Surcharge	IRM Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit B	GCR Factor	Total Vol Charge						
	See note 5	See note 2 (\$/month)	See note 1	See note 3	See note 4 (volumetric charges in \$/Ccf)			See note 6							
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.51	0.01988	+	0.33683	+	0.03800	+	0.00000	From Utility	0.28000	=	0.67471	
Residential Multi Family Rate 2A Class 1	11.25	0.00	2.61	+	0.01458	+	0.33683	+	0.03800	+	0.00000	0.28000	=	0.66941	
Residential Multi Family Rate 2A Class 2	31.00	0.00	2.61		0.01458	+	0.33683	+	0.03800	+	0.00000	0.28000	=	0.66941	
Customer Choice										From Others					
<u>alternative suppliers</u>	(see above)				(see above)	+	0.03800	+	(see above)		per contract				
COMMERCIAL & INDUSTRIAL SERVICE										(volumetric charges in \$/Mcf metered)					
Sales										From Utility					
Rate GS-1	31.00		1.81	0.1458	+	2.7796	+	0.38000	+	0.0000	2.8000	=	6.1054		
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.1458	+	2.2919	+	0.38000	+	0.0000	2.8000	=	5.6177		
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.0127	+	2.2919	+	0.38000	+	0.0000	2.8000	=	5.4846		
Rate S	200.00	0.00	20.93	0.1458	+	1.7987	+	0.38000	+	0.0000	2.8000	=	5.1245		
Customer Choice										From Others					
<u>alternative suppliers</u>	(see above)				(see above)				(see above)		per contract				
Transportation										From Others					
Rate ST (cost based rate)	2,335.00		88.78	0.0127		0.9733				-0.0011	per contract				
Maximum (optional)	2,335.00		88.78	0.0127		1.7166				-0.0011	per contract				
Minimum (optional)	2,335.00		88.78	0.0127		0.2300				-0.0011	per contract				
Rate LT (cost based rate)	4,775.00		408.99	0.0127		0.6615				-0.0007	per contract				
Maximum (optional)	4,775.00		408.99	0.0127		1.0930				-0.0007	per contract				
Minimum (optional)	4,775.00		408.99	0.0127		0.2300				-0.0007	per contract				
Rate XLT (cost based rate)	12,000.00		2,689.86	0.0127		0.5183				0.0000	per contract				
Maximum (optional)	12,000.00		2,689.86	0.0127		0.8567				0.0000	per contract				
Minimum (optional)	12,000.00		2,689.86	0.0127		0.1800				0.0000	per contract				
Rate XXLT (cost based rate)	125,000.00		17,411.05	0.0127		0.1483				-0.0002	per contract				
Maximum (optional)	125,000.00		17,411.05	0.0127		0.8567				-0.0002	per contract				
Minimum (optional)	125,000.00		17,411.05	0.0127		0.0500				-0.0002	per contract				
EUT Exploratory Program				0.0058											
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge						*see E-17.01									
Load Balancing Storage Charge						0.25/MMBtu									
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each July 1st															
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed															
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019															
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round															
Note 7: TCJA Credit B per U-20189 is effective on a bills rendered basis and is effective for a six month billing period beginning in January 2019 and ending in June 2019															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

June 1, 2019

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge	
			see note 2	see note 1		see note 3					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)					
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(0.32709	+ 0.08699	= 0.41408	); 0.60555
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/Dth metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.286	1.8203	-0.15090	+(3.27090	+ 0.8699	+ 4.1408	); 8.09620
	(>9 Dth)			0.0001	1.8203	-0.15090	3.27090	0.8699	4.1408	5.81030	
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.286	1.3932	-0.10000	+(3.27090	+ 0.8699	+ 4.1408	); 7.72000
	(>9 Dth)			0.0001	1.3932	-0.10000	3.27090	0.8699	4.1408	5.43410	
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.286	1.0985	-0.07690	+(3.27090	+ 0.8699	+ 4.1408	); 7.44840
	(>9 Dth)			0.0001	1.0985	-0.07690	3.27090	0.8699	4.1408	5.16250	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	From Others per contract	+ 0.86990			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	273.89	0.20050	75.00	-0.04700	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1,590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7,290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344	

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ 0.00951	0.35796	= 0.4649
Seasonal	10.00	0.09744	+ 0.00951	0.35796	= 0.4649
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ 0.0951	3.5796	= 4.5261
Small Seasonal	18.62	0.8514	+ 0.0951	3.5796	= 4.5261
Large	98.96	0.6214	+ 0.0951	3.5796	= 4.2961
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			(Notes 2 & 3)	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.02982	0.40408	= 0.6087
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.3457	4.0408	= 5.4451
Firm (304)	274.01	1.7500	+ -0.1570	4.0408	= 5.6338
Interruptible (303)	75.00	0.6400	+ -0.1570	4.0408	= 4.5238
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1570	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle

Note 3: Xcel Credit C effective beginning June 2019 through December 2019 per U-20312

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.0311	3.1246 /Mcf	U-20322
DTE Gas Company	Unchanged	2.8000	2.8000 /Mcf	U-20235
Michigan Gas Utilities Corp	Decrease	3.4740	3.4859 /Mcf	U-20239
Presque Isle E. & G. Coop.	Unchanged	4.1540	4.1540 /Mcf	U-20243
SEMCO Energy Gas Co	Decrease	4.1408	4.1408 /Dth	U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.5796	3.5796 /Dth	U-20247
Xcel Energy	Unchanged	4.6212	4.6540 /Dth	U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1655	3.0311		/Mcf
<u>-U-20233 - As Filed or as Ordered</u>	3.4360	3.1484	3.1484	3.1655	3.1246		/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.8000	2.8000		/Mcf
<u>-U-20235- As Filed or As Ordered</u>	2.9200	2.9200	2.9200	2.8000	2.8000		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.4859	3.4740		/Mcf
<u>-U-20239- As Filed or as Ordered</u>	4.0596	3.8157	3.7669	3.4859	3.4859		/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1540	4.1540		/Mcf
<u>-U-20243-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1540	4.1540		/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	4.1905	4.1408		/Dth
<u>-U-20245 - As Filed or as Ordered</u>	3.9464	3.7150	3.7150	4.1905	4.1408		/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.6435	3.5796		/Dth
<u>-U-20247 - As Filed or as Ordered</u>	3.8670	3.5796	3.5796	3.6435	3.5796		/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.6212	4.6212		/Dth
<u>-U-20241 - As Filed or as Ordered</u>	4.0718	4.0718	4.0718	4.6540	4.6540		/Dth

GAS COST RECOVERY FACTOR HISTORY

May 1, 2019

Calendar Year of GCR Factors

	Jul-19 \$/unit	Aug-19 \$/unit	Sep-19 \$/unit	Oct-19 \$/unit	Nov-19 \$/unit	Dec-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-20233- As Filed or as Ordered</u>							/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-20235- As Filed or As Ordered</u>							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-20239- As Filed or as Ordered</u>							/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-20243-As Filed or as Ordered</u>							/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-20245 - As Filed or as Ordered</u>							/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-20247 - As Filed or as Ordered</u>							/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-20241 - As Filed or as Ordered</u>							/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.68	0.30681	+ 0.30311	= 0.60992	\$72.67	-1%
DTE Gas Company	11.76	0.37261	+ 0.28000	= 0.65261	\$77.02	5%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.34740	= 0.51600	\$64.60	-12%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	31%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.41408	= 0.60555	\$73.56	0%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.35796	= 0.45230	\$50.23	-32%
Xcel Energy	11.00	0.23178	+ 0.46212	= 0.69390	\$80.39	9%
AVERAGE RATE	11.06	0.25642	+ 0.36858	= 0.54687	\$73.56	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

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MICHIGAN GAS UTILITIES CORP.										May 1, 2019					
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge			Total Vol Charge					
		see note 2	see note 1	see note 3	see note 4		see note 6	see note 5							
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)								
Sales							Tax Cut & Jobs Act Reduction Credit	Gas Costs From Utility	Reservation Charge	GCR Factor					
Residential Service	13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	+	0.28840	+	0.05900	=	0.34740	=	0.51600
Gas Light Rate-Residential					0.00790	0.15871	-0.01242	+	0.28840	+	0.05900	=	0.34740	=	0.50159
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		-0.01242	+	From Others per contract	+	0.05900				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor					
Small General Service	35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	+	2.8840	+	0.5900	=	3.4740	=	5.06620
Large General Service	425.00	0.00000	154.06		0.07900	1.03220	-0.04080	+	2.8840	+	0.5900	=	3.4740	=	4.54440
GasLight Rate-Commercial			8.63		0.07900	1.58700	-0.07380	+	2.8840	+	0.5900	=	3.4740	=	5.06620
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				(see above)	+	From Others per contract	+	0.59000				
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)								
Transportation		see note 2													
		\$/mo													
TR-1	850.00	0.00000	42.02			0.7777	0.6277	-0.02710							
TR-2	2,250.00	0.00000	152.35			0.4796	0.3296	-0.02280							
TR-3	3,050.00	0.00000	953.63			0.4651	0.3151	-0.02040							
<p>Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036</p> <p>Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.</p> <p>Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed</p> <p>Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.</p> <p>Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114</p> <p>Note 7: TCJA "Credit B" portion credits effective October 1, 2018 per U-20181; Effective October 1, 2018 through December 31, 2018 on a service rendered basis; Removed January 1, 2019</p> <p>Customer Attachment Program</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p>															

SEMCO

SEMCO ENERGY GAS COMPANY

May 1, 2019

SEMCO ENERGY GAS COMPANY											July 1, 2019
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge			Total Charge		
		see note 2		see note 1		see note 3					
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Therm metered)							
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(	0.32709	+ 0.08699	= 0.41408)= 0.60555
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	+	From Others per contract	+ 0.08699		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Dth metered)							
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.286	1.8203	-0.15090	+(	3.27090	+ 0.8699	+ 4.1408)= 8.09620
				0.0001	1.8203	-0.15090		3.27090	0.8699	4.1408 5.81030	
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.286	1.3932	-0.10000	+(	3.27090	+ 0.8699	+ 4.1408)= 7.72000
				0.0001	1.3932	-0.10000		3.27090	0.8699	4.1408 5.43410	
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.286	1.0985	-0.07690	+(	3.27090	+ 0.8699	+ 4.1408)= 7.44840
				0.0001	1.0985	-0.07690		3.27090	0.8699	4.1408 5.16250	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	+	From Others per contract	+ 0.86990		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1 (0-2500 Dth)		350.00	273.89	0.20050	75.00	-0.04700	per contract	0.9068	0.7568	0.0344	
				0.0001		-0.04700		0.9068	0.7568	0.0344	
TR-2 (0-2500 Dth)		1,590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344	
				0.0001		-0.04210		0.6279	0.4779	0.0344	
TR-3 (0-2500 Dth)		7,290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344	
				0.0001		-0.03180		0.4031	0.2531	0.0344	
OTHER											
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.											
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018											
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see Rate Books for more details											
surcharges are in addition to rates above											

OTHER MICHIGAN-PSC REGULATED

May 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.35796	= 0.4523
Seasonal	10.00	0.09744	+ -0.00310	0.35796	= 0.4523
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	3.5796	= 4.4000
Small Seasonal	18.62	0.8514	+ -0.03100	3.5796	= 4.4000
Large	98.96	0.6214	+ -0.03100	3.5796	= 4.1700
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0026	0.46212	= 0.6939
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.1837	4.6212	= 6.1875
Firm (304)	274.01	1.7500	+ -0.1150	4.6212	= 6.2562
Interruptible (303)	75.00	0.6400	+ -0.1150	4.6212	= 5.1462
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1150	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)—No longer charged

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.1655	3.1655	/Mcf U-20322
DTE Gas Company	Decrease	2.8000	2.8000	/Mcf U-20235
Michigan Gas Utilities Corp	Increase	3.4859	3.4859	/Mcf U-20239
Presque Isle E. & G. Coop.	Decrease	4.1540	4.1540	/Mcf U-20243
SEMCO Energy Gas Co	Increase	4.1905	4.1905	/Dth U-20245
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.6435	3.6435	/Dth U-20247
Xcel Energy	Increase	4.6212	4.6540	/Dth U-20241

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	3.4360	3.1484	3.1484	3.1655		/Mcf
<u>-U-20233 - As Filed or as Ordered</u>	3.4360	3.1484	3.1484	3.1655		/Mcf
DTE Gas Company						
- As Currently Billed	2.9200	2.8600	2.8600	2.8000		/Mcf
<u>-U-20235- As Filed or As Ordered</u>	2.9200	2.9200	2.9200	2.8000		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0596	3.3570	3.1500	3.4859		/Mcf
<u>-U-20239- As Filed or as Ordered</u>	4.0596	3.8157	3.7669	3.4859		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.1580	4.1580	4.1580	4.1540		/Mcf
<u>-U-20243-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1540		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.9464	3.7150	3.7150	4.1905		/Dth
<u>-U-20245 - As Filed or as Ordered</u>	3.9464	3.7150	3.7150	4.1905		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.8670	3.5796	3.5796	3.6435		/Dth
<u>-U-20247 - As Filed or as Ordered</u>	3.8670	3.5796	3.5796	3.6435		/Dth
Xcel Energy						
- As Currently Billed	4.0718	4.0718	4.0718	4.6212		/Dth
<u>-U-20241 - As Filed or as Ordered</u>	4.0718	4.0718	4.0718	4.6540		/Dth

GAS COST RECOVERY FACTOR HISTORY

April 1, 2019

Calendar Year of GCR Factors

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-20233 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-20235- As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-20239- As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-20243-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-20245 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
<u>-U-20247 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-20241 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	11.68	0.30681	+ 0.31655	= 0.62336	\$74.02	0%
DTE Gas Company	11.76	0.37261	+ 0.28000	= 0.65261	\$77.02	4%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.34859	= 0.51719	\$64.72	-12%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4154	= 0.84470	\$96.47	30%
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.41905	= 0.61052	\$74.05	0%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.36435	= 0.45869	\$50.87	-31%
Xcel Energy	11.00	0.23178	+ 0.46212	= 0.69390	\$80.39	9%
AVERAGE RATE	11.06	0.25642	+ 0.37229	= 0.55012	\$73.93	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

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SEMCO

SEMCO ENERGY GAS COMPANY

April 1, 2019

SEMCO ENERGY GAS COMPANY											April 1, 2019	
		Customer Charge	Rider MRP Charge	EWB Charge	Distribution Charge	TCJA Surcharge					Total Charge	
			see note 2	see note 1		see note 3						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)						
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(0.33206	+ 0.08699	= 0.41905	= 0.61052		
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	+ 0.08699				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Sales												
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.286	1.8203	-0.15090	+(3.32060	+ 0.8699	+ 4.1905	= 8.14590		
				0.0001	1.8203	-0.15090	3.32060	0.8699	4.1905	5.86000		
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.286	1.3932	-0.10000	+(3.32060	+ 0.8699	+ 4.1905	= 7.76970		
				0.0001	1.3932	-0.10000	3.32060	0.8699	4.1905	5.48380		
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.286	1.0985	-0.07690	+(3.32060	+ 0.8699	+ 4.1905	= 7.49810		
				0.0001	1.0985	-0.07690	3.32060	0.8699	4.1905	5.21220		
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	From Others per contract	+ 0.86990				
Transportation		Customer Charge (\$/month)		Remote Meter Charge (\$/month)			From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1 (0-2500 Dth)		350.00	273.89	0.20050	75.00	-0.04700	per contract	0.9068	0.7568	0.0344		
				0.0001		-0.04700		0.9068	0.7568	0.0344		
TR-2 (0-2500 Dth)		1,590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344		
				0.0001		-0.04210		0.6279	0.4779	0.0344		
TR-3 (0-2500 Dth)		7,290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344		
				0.0001		-0.03180		0.4031	0.2531	0.0344		
OTHER												
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.												
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018												
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect												
Rates at semcoenergy.com												
Customer Attachment Program												
Understanding your bill at semcoenergygas.com												
Rates Reference: see Rate Books for more details												
surcharges are in addition to rates above												

OTHER MICHIGAN-PSC REGULATED

April 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.36435	= 0.4587
Seasonal	10.00	0.09744	+ -0.00310	0.36435	= 0.4587
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	3.6435	= 4.4639
Small Seasonal	18.62	0.8514	+ -0.03100	3.6435	= 4.4639
Large	98.96	0.6214	+ -0.03100	3.6435	= 4.2339
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4154	0.8447
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1540	7.0740
Large	188.00	2.7570	0.0000	4.1540	6.9110

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0026	0.46212	= 0.6939
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.1837	4.6212	= 6.1875
Firm (304)	274.01	1.7500	+ -0.1150	4.6212	= 6.2562
Interruptible (303)	75.00	0.6400	+ -0.1150	4.6212	= 5.1462
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1150	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)—No longer charged

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Unchanged	3.1484	3.1484 /Mcf	U-18411
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	U-18412
Michigan Gas Utilities Corp	Decrease	3.1500	3.7669 /Mcf	U-18414
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	U-18489
SEMCO Energy Gas Co	Unchanged	3.7150	3.7150 /Dth	U-18417
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Unchanged	3.5796	3.5796 /Dth	U-18400
Xcel Energy	Unchanged	4.0718	4.0718 /Dth	U-18415

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
-U-18411 - As Filed or as Ordered	3.4360	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.8600	2.9200	2.9200	2.9200	/Mcf
-U-18412 - As Filed or As Ordered	2.9200	2.9200	2.8600	2.9200	2.9200	2.9200	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.1500	3.3570	3.3570	3.3570	/Mcf
-U-18414 - As Filed or as Ordered	4.0596	3.8157	3.7669	3.8157	3.8157	3.8157	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
-U-18489-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
-U-18417 - As Filed or as Ordered	3.9464	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
-U-18400 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth
-U-18415 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth

GAS COST RECOVERY FACTOR HISTORY

March 1, 2019

Calendar Year of GCR Factors

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.1484	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
-U-18411 - As Filed or as Ordered	3.1484	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
-U-18412 - As Filed or as Ordered	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3570	3.3570	3.3570	3.3570	3.3570	3.3570	/Mcf
-U-18414 - As Filed or as Ordered	3.8157	3.8157	3.8157	3.8157	3.8157	3.8157	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
-U-18489-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7150	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
-U-18417 - As Filed or as Ordered	3.7150	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
-U-18400 - As Filed or as Ordered	3.5796	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth
-U-18415 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.68	0.30681	+ 0.31484	= 0.62165	\$73.85	3%
DTE Gas Company	11.76	0.35461	+ 0.28600	= 0.64061	\$75.82	6%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.31500	= 0.48360	\$61.36	-14%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	35%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.37150	= 0.56297	\$69.30	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.35796	= 0.45230	\$50.23	-30%
Xcel Energy	11.00	0.23178	+ 0.40718	= 0.63896	\$74.90	4%
AVERAGE RATE	11.06	0.25384	+ 0.35261	= 0.53065	\$71.71	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2019

March 1, 2019

	Customer Charge	LIEEF	IRM Surcharge	Tax Reform IRM Credit	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge						
		see note 6	see note 4	see note 9	see note 7	see note 2	see note 5	see note 3	see note 8								
			(\$/month)					(volumetric charges in \$/cuf)									
RESIDENTIAL SERVICE																	
Sales																	
Rate A	11.75	0.00	+	0.00	-0.07	+	0.00	+	0.02367	+	0.00000	0.30031	-0.02	0.31484	=	0.62165	
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	-0.07	+	0.00	+	0.02367	+	0.00000	0.30031	-0.02	0.31484	=	0.62165	
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)																	
Customer Choice														From Utility			
alternative suppliers	11.75			0.00	-0.07				0.02367			0.30031	(see above)	per contract			
														* including EO Surcharge (Note 2)			
COMMERCIAL & INDUSTRIAL SERVICE																	
			(\$/month)					(volumetric charges in \$/Mcf)									
Sales																	
General Service - Rate GS-1	14.00	0.00		0.00	-0.11		0.00	+	0.3496	+	0.00000	2.51330	-0.13	3.1484	=	5.8813	
General Service - Rate GS-2	85.40	0.00		0.00	-0.86		0.00	+	0.3496	+	0.00000	1.95170	-0.10	3.1484	=	5.3499	
General Service - Rate GS-3 (0-100,000 Year)	480.23	0.00		0.00	-4.32		0.00	+	0.3496	+	0.00000	1.46080	-0.07	3.1484	=	4.8841	
General Service - Rate GS-3 (>100,000 Year)	480.23	0.00		0.00	-4.32		0.00	+	0.0117	+	0.00000	1.46080	-0.07	3.1484	=	4.5462	
Customer Choice														From Others			
alternative suppliers	(see above)		(see above)	(see above)					(see above)			(see above)		per contract			
Transportation																	
								(volumetric charges in \$/Mcf)									
Rate ST Cost Based Rate (0-100,000 Year)	500.00	0.00		0.00	-2.32		0.00		0.3496		0	1.0705	-0.06	per contract			
Rate ST Cost Based Rate (>100,000 Year)	500.00	0.00		0.00	-2.32		0.00		0.0117		0	1.0705	-0.06	per contract			
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78	0.00		0.00	-4.63		0.00		0.3496		0	0.7932	-0.04	per contract			
Rate LT Cost Based Rate (>100,000 Year)	2,554.78	0.00		0.00	-4.63		0.00		0.0117		0	0.7932	-0.04	per contract			
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85	0.00		0.00	-11.69		0.00		0.3496		0	0.6969	-0.03	per contract			
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51	0.00		0.00	-11.69		0.00		0.0117		0	0.5394	-0.03	per contract			
XLT Remote Meter Charge	70.00	0.00			0.00		0.00				0		0.0000	per contract			
OTHER Sheet D-12.00																	
		(\$/luminaire)											(\$/luminaire)				
Outdoor Gas Light - Rate GL																	
up to 2.5 CF/Hr	6.00											includes gas	-0.48				
2.6 to 4.5 CF/Hr	11.00											includes gas	-0.48				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.																	
Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.																	
Note 3: New rates effective on and after September 1, 2018 per U-18424																	
Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-48424																	
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.																	
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed																	
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the November 2018 Billing Month (dated October 24, 2018 in Case No. U-18367) - Removed																	
Note 8: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287																	
Note 9: Tax Reform IRM Credit (Credit B) effective beginning the December 2018 billing month through the May 2019 billing month per U-20287																	
Customer Attachment Program																	
Understanding your bill at Consumersenergy.com																	
Rates Reference: see Rate Books																	

Page 6

SEMCO

SEMCO ENERGY GAS COMPANY

March 1, 2019

SEMCO ENERGY GAS COMPANY											March 1, 2019	
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge					Total Charge	
		see note 2		see note 1		see note 3						
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Therm metered)								
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(	0.27875	+ 0.09275	=	0.37150): 0.56297
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	+	From Others per contract	+ 0.09275			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Dth metered)								
Sales								Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.286	1.8203	-0.15090	+(	2.78750	+ 0.9275	+	3.7150): 7.67040
				0.0001	1.8203	-0.15090		2.78750	0.9275		3.7150 5.38450	
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.286	1.3932	-0.10000	+(	2.78750	+ 0.9275	+	3.7150): 7.29420
				0.0001	1.3932	-0.10000		2.78750	0.9275		3.7150 5.00830	
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.286	1.0985	-0.07690	+(	2.78750	+ 0.9275	+	3.7150): 7.02260
				0.0001	1.0985	-0.07690		2.78750	0.9275		3.7150 4.73670	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	+	From Others per contract	+ 0.92750			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)			From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1 (0-2500 Dth)		350.00	273.89	0.20050	75.00	-0.04700	per contract		0.9068	0.7568	0.0344	
				0.0001		-0.04700			0.9068	0.7568	0.0344	
TR-2 (0-2500 Dth)		1,590.00	500.00	0.20050	75.00	-0.04210	per contract		0.6279	0.4779	0.0344	
				0.0001		-0.04210			0.6279	0.4779	0.0344	
TR-3 (0-2500 Dth)		7,290.00	500.00	0.20050	75.00	-0.03180	per contract		0.4031	0.2531	0.0344	
				0.0001		-0.03180			0.4031	0.2531	0.0344	
OTHER												
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.												
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018												
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect												
Rates at semcoenergy.com												
Customer Attachment Program												
Understanding your bill at semcoenergygas.com												
Rates Reference: see Rate Books for more details												
surcharges are in addition to rates above												

OTHER MICHIGAN-PSC REGULATED

March 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.35796	= 0.4523
Seasonal	10.00	0.09744	+ -0.00310	0.35796	= 0.4523
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	3.5796	= 4.4000
Small Seasonal	18.62	0.8514	+ -0.03100	3.5796	= 4.4000
Large	98.96	0.6214	+ -0.03100	3.5796	= 4.1700
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0026	0.40718	= 0.6390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.1837	4.0718	= 5.6381
Firm (304)	274.01	1.7500	+ -0.1150	4.0718	= 5.7068
Interruptible (303)	75.00	0.6400	+ -0.1150	4.0718	= 4.5968
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1150	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)—No longer charged

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.1484	3.1484 /Mcf	U-18411
DTE Gas Company	Decrease	2.8600	2.9200 /Mcf	U-18412
Michigan Gas Utilities Corp	Decrease	3.3570	3.8157 /Mcf	U-18414
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	U-18489
SEMCO Energy Gas Co	Decrease	3.7150	3.7150 /Dth	U-18417
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.5796	3.5796 /Dth	U-18400
Xcel Energy	Unchanged	4.0718	4.0718 /Dth	U-18415

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2019

Calendar Year of GCR Factors

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
-U-18411 - As Filed or as Ordered	3.4360	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.8600	2.9200	2.9200	2.9200	2.9200	/Mcf
-U-18412 - As Filed or As Ordered	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	3.3570	3.3570	3.3570	3.3570	3.3570	/Mcf
-U-18414 - As Filed or as Ordered	4.0596	3.8157	3.8157	3.8157	3.8157	3.8157	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
-U-18489-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
-U-18417 - As Filed or as Ordered	3.9464	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
-U-18400 - As Filed or as Ordered	3.8670	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth
-U-18415 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth

GAS COST RECOVERY FACTOR HISTORY

February 1, 2019

Calendar Year of GCR Factors

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.1484	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
-U-18411 - As Filed or as Ordered	3.1484	3.1484	3.1484	3.1484	3.1484	3.1484	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
-U-18412 - As Filed or as Ordered	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.3570	3.3570	3.3570	3.3570	3.3570	3.3570	/Mcf
-U-18414 - As Filed or as Ordered	3.8157	3.8157	3.8157	3.8157	3.8157	3.8157	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
-U-18489-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.7150	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
-U-18417 - As Filed or as Ordered	3.7150	3.7150	3.7150	3.7150	3.7150	3.7150	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.5796	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
-U-18400 - As Filed or as Ordered	3.5796	3.5796	3.5796	3.5796	3.5796	3.5796	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth
-U-18415 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.68	0.30681	+ 0.31484	= 0.62165	\$73.85	3%
DTE Gas Company	11.76	0.35461	+ 0.28600	= 0.64061	\$75.82	5%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.33570	= 0.50430	\$63.43	-12%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	34%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.37150	= 0.56297	\$69.30	-4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.35796	= 0.45230	\$50.23	-30%
Xcel Energy	11.00	0.23178	+ 0.40718	= 0.63896	\$74.90	4%
AVERAGE RATE	11.06	0.25384	+ 0.35557	= 0.53324	\$72.00	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2019

February 1, 2019

	Customer Charge	LIEEF	IRM Surcharge	Tax Reform IRM Credit	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge						
		see note 6	see note 4	see note 9	see note 7	see note 2	see note 5	see note 3	see note 8								
			(\$/month)					(volumetric charges in \$/cuf)									
RESIDENTIAL SERVICE																	
Sales																	
Rate A	11.75	0.00	+	0.00	-0.07	+	0.00	+	0.02367	+	0.00000	0.30031	-0.02	0.31484	=	0.62165	
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	-0.07	+	0.00	+	0.02367	+	0.00000	0.30031	-0.02	0.31484	=	0.62165	
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)																	
Customer Choice														From Utility			
alternative suppliers	11.75			0.00	-0.07				0.02367			0.30031	(see above)	per contract			
														* including EO Surcharge (Note 2)			
COMMERCIAL & INDUSTRIAL SERVICE																	
			(\$/month)					(volumetric charges in \$/Mcf)									
Sales																	
General Service - Rate GS-1	14.00	0.00		0.00	-0.11		0.00	+	0.3496	+	0.00000	2.51330	-0.13	3.1484	=	5.8813	
General Service - Rate GS-2	85.40	0.00		0.00	-0.86		0.00	+	0.3496	+	0.00000	1.95170	-0.10	3.1484	=	5.3499	
General Service - Rate GS-3 (0-100,000 Year)	480.23	0.00		0.00	-4.32		0.00	+	0.3496	+	0.00000	1.46080	-0.07	3.1484	=	4.8841	
General Service - Rate GS-3 (>100,000 Year)	480.23	0.00		0.00	-4.32		0.00	+	0.0117	+	0.00000	1.46080	-0.07	3.1484	=	4.5462	
Customer Choice														From Others			
alternative suppliers	(see above)		(see above)	(see above)					(see above)			(see above)		per contract			
Transportation																	
								(volumetric charges in \$/Mcf)									
Rate ST Cost Based Rate (0-100,000 Year)	500.00	0.00		0.00	-2.32		0.00		0.3496		0	1.0705	-0.06	per contract			
Rate ST Cost Based Rate (>100,000 Year)	500.00	0.00		0.00	-2.32		0.00		0.0117		0	1.0705	-0.06	per contract			
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78	0.00		0.00	-4.63		0.00		0.3496		0	0.7932	-0.04	per contract			
Rate LT Cost Based Rate (>100,000 Year)	2,554.78	0.00		0.00	-4.63		0.00		0.0117		0	0.7932	-0.04	per contract			
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85	0.00		0.00	-11.69		0.00		0.3496		0	0.6969	-0.03	per contract			
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51	0.00		0.00	-11.69		0.00		0.0117		0	0.5394	-0.03	per contract			
XLT Remote Meter Charge	70.00	0.00			0.00		0.00				0		0.0000	per contract			
OTHER Sheet D-12.00																	
		(\$/luminaire)											(\$/luminaire)				
Outdoor Gas Light - Rate GL																	
up to 2.5 CF/Hr	6.00											includes gas	-0.48				
2.6 to 4.5 CF/Hr	11.00											includes gas	-0.48				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.																	
Note 2: Effective for bills rendered on and after the January 2019 billing month Consumers will pay the Energy Efficiency Program Surcharge per 20028. Opt-Out Pilot not shown.																	
Note 3: New rates effective on and after September 1, 2018 per U-18424																	
Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-48424																	
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.																	
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed																	
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the November 2018 Billing Month (dated October 24, 2018 in Case No. U-18367) - Removed																	
Note 8: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287																	
Note 9: Tax Reform IRM Credit (Credit B) effective beginning the December 2018 billing month through the May 2019 billing month per U-20287																	
Customer Attachment Program																	
Understanding your bill at Consumersenergy.com																	
Rates Reference: see Rate Books																	

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MICHIGAN GAS UTILITIES CORP.										February 1, 2019	
Customer Charge		UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge			Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4		see note 6	see note 5			
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)								
							Tax Cut & Jobs Act Reduction Credit	Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales											
Residential Service		13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	+ (0.29300	+ 0.04270 = 0.33570) = 0.50430	
Gas Light Rate-Residential						0.00790	0.15871	-0.01242	+ (0.29300	+ 0.04270 = 0.33570) = 0.48989	
Customer Choice-Residential alternative suppliers		(see above)	0.000000	(see above)	(see above)	N/A		-0.01242	+ From Others per contract	+ 0.04270	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)								
								Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales											
Small General Service		35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	+ (2.9300	+ 0.4270 = 3.3570) = 4.94920	
Large General Service		425.00	0.00000	154.06		0.07900	1.03220	-0.04080	+ (2.9300	+ 0.4270 = 3.3570) = 4.42740	
GasLight Rate-Commercial				8.63		0.07900	1.58700	-0.07380	+ (2.9300	+ 0.4270 = 3.3570) = 4.94920	
Customer Choice-Comm. & Ind. alternative suppliers		(see above)		(see above)				(see above)	+ From Others per contract	+ 0.42700	
		Customer Charge	UETM	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
		see note 2									
Transportation		\$/mo									
TR-1		850.00	0.00000	42.02		0.7777	0.6277	-0.02710			
TR-2		2,250.00	0.00000	152.35		0.4796	0.3296	-0.02280			
TR-3		3,050.00	0.00000	953.63		0.4651	0.3151	-0.02040			
<p>Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036</p> <p>Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.</p> <p>Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed</p> <p>Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.</p> <p>Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114</p> <p>Note 7: TCJA "Credit B" portion credits effective October 1, 2018 per U-20181; Effective October 1, 2018 through December 31, 2018 on a service rendered basis; Zeroed Out in January 2019</p> <p>Customer Attachment Program</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p>											

SEMCO

SEMCO ENERGY GAS COMPANY

February 1, 2019

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge
			see note 2	see note 1		see note 3				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	0.27875	0.09275	0.37150	0.56297
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	From Others per contract	Balancing and Demand Charge 0.09275		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)								
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.286	1.8203	-0.15090	2.78750	0.9275	3.7150	7.67040
	(>9 Dth)			0.0001	1.8203	-0.15090	2.78750	0.9275	3.7150	5.38450
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.286	1.3932	-0.10000	2.78750	0.9275	3.7150	7.29420
	(>9 Dth)			0.0001	1.3932	-0.10000	2.78750	0.9275	3.7150	5.00830
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.286	1.0985	-0.07690	2.78750	0.9275	3.7150	7.02260
	(>9 Dth)			0.0001	1.0985	-0.07690	2.78750	0.9275	3.7150	4.73670
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	From Others per contract	Balancing and Demand Charge 0.92750		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge
TR-1	(0-2500 Dth)	350.00	273.89	0.20050	75.00	-0.04700	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1,590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7,290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344
OTHER										
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.										
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018										
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effect										
Rates at semcoenergy.com										
Customer Attachment Program		surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com										
Rates Reference: see		Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

February 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.35796	= 0.4523
Seasonal	10.00	0.09744	+ -0.00310	0.35796	= 0.4523
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	3.5796	= 4.4000
Small Seasonal	18.62	0.8514	+ -0.03100	3.5796	= 4.4000
Large	98.96	0.6214	+ -0.03100	3.5796	= 4.1700
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0026	0.40718	= 0.6390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.1837	4.0718	= 5.6381
Firm (304)	274.01	1.7500	+ -0.1150	4.0718	= 5.7068
Interruptible (303)	75.00	0.6400	+ -0.1150	4.0718	= 4.5968
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1150	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)—No longer charged

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2019

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.4360	3.4360 /Mcf	U-18411
DTE Gas Company	Increase	2.9200	2.9200 /Mcf	U-18412
Michigan Gas Utilities Corp	Increase	4.0596	4.0596 /Mcf	U-18414
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	U-18489
SEMCO Energy Gas Co	Increase	3.9464	3.9464 /Dth	U-18417
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.8670	3.8670 /Dth	U-18400
Xcel Energy	Increase	4.0718	4.0718 /Dth	U-18415

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2019

Calendar Year of GCR Factors

	Jan-19 \$/unit	Feb-19 \$/unit	Mar-19 \$/unit	Apr-19 \$/unit	May-19 \$/unit	Jun-19 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.4360	3.4360	3.4360	3.4360	3.4360	3.4360	/Mcf
-U-18411 - As Filed or as Ordered	3.4360	3.4360	3.4360	3.4360	3.4360	3.4360	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
-U-18412 - As Filed or As Ordered	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	4.0596	4.0596	4.0596	4.0596	4.0596	/Mcf
-U-18414 - As Filed or as Ordered	4.0596	4.0596	4.0596	4.0596	4.0596	4.0596	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
-U-18489-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.9464	3.9464	3.9464	3.9464	3.9464	/Dth
-U-18417 - As Filed or as Ordered	3.9464	3.9464	3.9464	3.9464	3.9464	3.9464	/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.8670	3.8670	3.8670	3.8670	3.8670	/Dth
-U-18400 - As Filed or as Ordered	3.8670	3.8670	3.8670	3.8670	3.8670	3.8670	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth
-U-18415 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth

GAS COST RECOVERY FACTOR HISTORY

January 1, 2019

Calendar Year of GCR Factors

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.4360	3.4360	3.4360	3.4360	3.4360	3.4360	/Mcf
-U-18411 - As Filed or as Ordered	3.4360	3.4360	3.4360	3.4360	3.4360	3.4360	/Mcf
DTE Gas Company							
- As Currently Billed	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
-U-18412 - As Filed or as Ordered	2.9200	2.9200	2.9200	2.9200	2.9200	2.9200	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0596	4.0596	4.0596	4.0596	4.0596	4.0596	/Mcf
-U-18414 - As Filed or as Ordered	4.0596	4.0596	4.0596	4.0596	4.0596	4.0596	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
-U-18489-As Filed or as Ordered	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9464	3.9464	3.9464	3.9464	3.9464	3.9464	/Dth
-U-18417 - As Filed or as Ordered	3.9464	3.9464	3.9464	3.9464	3.9464	3.9464	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8670	3.8670	3.8670	3.8670	3.8670	3.8670	/Dth
-U-18400 - As Filed or as Ordered	3.8670	3.8670	3.8670	3.8670	3.8670	3.8670	/Dth
Xcel Energy							
- As Currently Billed	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth
-U-18415 - As Filed or as Ordered	4.0718	4.0718	4.0718	4.0718	4.0718	4.0718	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2019

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.68	0.30681	+ 0.34360	= 0.65041	\$76.72	3%
DTE Gas Company	11.76	0.35461	+ 0.29200	= 0.64661	\$76.42	3%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.40596	= 0.57456	\$70.46	-5%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	30%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19147	+ 0.39464	= 0.58611	\$71.61	-4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09434	+ 0.38670	= 0.48104	\$53.10	-28%
Xcel Energy	11.00	0.23178	+ 0.40718	= 0.63896	\$74.90	1%
AVERAGE RATE	11.06	0.25384	+ 0.37798	= 0.55285	\$74.25	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY										January 1, 2019	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit B	GCR Factor	Total Vol Charge	
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4	See note 7			
		(\$/month)					(volumetric charges in \$/Ccf)				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.51	0.00	0.01988	0.33683	0.02000	-0.02210	0.29200	0.64661	
Residential Multi Family Rate 2A Class 1	11.25	0.00	2.61	0.00	0.01458	0.33683	0.02000	-0.02630	0.29200	0.63711	
Residential Multi Family Rate 2A Class 2	31.00	0.00	2.61	0.00	0.01458	0.33683	0.02000	-0.02630	0.29200	0.63711	
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)	0.02000	(see above)		per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	31.00		1.81	0.00	0.1458	2.7796	0.20000	-0.0022	2.9200	6.0432	
Rate GS-2 (<100,000 Mcf)	600.00		1.81	0.00	0.1458	2.2919	0.20000	-0.0015	2.9200	5.5562	
Rate GS-2 (>100,000 Mcf)	600.00		1.81	0.00	0.0127	2.2919	0.20000	-0.0015	2.9200	5.4231	
Rate S	200.00	0.00	20.93	0.00	0.1458	1.7987	0.20000	-0.0017	2.9200	5.0628	
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)		(see above)		per contract	
Transportation											
Rate ST (cost based rate)	2335.00		88.78	0.00	0.0127	0.9733		-0.0011		per contract	
Maximum (optional)	2335.00		88.78	0.00	0.0127	1.7166		-0.0011		per contract	
Minimum (optional)	2335.00		88.78	0.00	0.0127	0.2300		-0.0011		per contract	
Rate LT (cost based rate)	4775.00		408.99	0.00	0.0127	0.6615		-0.0007		per contract	
Maximum (optional)	4775.00		408.99	0.00	0.0127	1.0930		-0.0007		per contract	
Minimum (optional)	4775.00		408.99	0.00	0.0127	0.2300		-0.0007		per contract	
Rate XLT (cost based rate)	12000.00		2,689.86	0.00	0.0127	0.5183		-0.0006		per contract	
Maximum (optional)	12000.00		2,689.86	0.00	0.0127	0.8567		-0.0006		per contract	
Minimum (optional)	12000.00		2,689.86	0.00	0.0127	0.1800		-0.0006		per contract	
Rate XXLT (cost based rate)	125000.00		17,411.05	0.00	0.0127	0.1483		-0.0002		per contract	
Maximum (optional)	125000.00		17,411.05	0.00	0.0127	0.8567		-0.0002		per contract	
Minimum (optional)	125000.00		17,411.05	0.00	0.0127	0.0500		-0.0002		per contract	
EUT Exploratory Program					0.0058						
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge											
Load Balancing Storage Charge											
*see E-17.01 0.25/MMBtu											
Note 1: Effective January 2019, customers pay the IRM surcharge per U-18999. Changes each July 1st											
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed											
Note 3: Effective for bills rendered on and after January 1, 2019, customers will pay the EWR surcharge per Case No. U-20035											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: TCJA Credit B per U-20189 is effective on a bills rendered basis and is effective for a six month billing period beginning in January 2019 and ending in June 2019											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:	see	Rate Books	for more details								

MICHIGAN GAS UTILITIES CORP.										January 1, 2019	
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	TCJA Credit B		Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4		see note 6	see note 7	see note 5		
							(volumetric charges in \$/Ccf metered)				
RESIDENTIAL SERVICE											
	(\$/month)										
Sales							Tax Cut & Jobs Act Reduction Credit	Tax Cut & Jobs Act "Credit B" Portion Credits	Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	0.0000	0.36096	0.04500	0.40596
Gas Light Rate-Residential					0.00790	0.15871	-0.01242	0.0000	0.36096	0.04500	0.40596
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		-0.01242	0.0000	From Others per contract	0.04500	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales									Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	0.0000	3.6096	0.4500	4.0596
Large General Service	425.00	0.00000	154.06		0.07900	1.03220	-0.04080	0.0000	3.6096	0.4500	4.0596
GasLight Rate-Commercial			8.63		0.07900	1.58700	-0.07380	0.0000	3.6096	0.4500	4.0596
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				(see above)	0.0000	From Others per contract	0.45000	
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
		see note 2									
Transportation		\$/mo									
TR-1	850.00	0.00000	42.02			0.7777	0.6277	-0.02710	0.0000		
TR-2	2,250.00	0.00000	152.35			0.4796	0.3296	-0.02280	0.0000		
TR-3	3,050.00	0.00000	953.63			0.4651	0.3151	-0.02040	0.0000		
Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036											
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.											
Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed											
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.											
Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114											
Note 7: TCJA "Credit B" portion credits effective October 1, 2018 per U-20181; Effective October 1, 2018 through December 31, 2018 on a service rendered basis											
Customer Attachment Program											
Rates at michigan gas utilities.com											
Understanding your bill at michigan gas utilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY

January 1, 2019

SERVICE ENERGY GAS COMPANY											January 1, 2019	
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge						Total Charge
			see note 2	see note 1		see note 3						
RESIDENTIAL SERVICE		(\$/month)			(volumetric charges in \$/Therm metered)							
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		11.50	1.50	0.03543	0.17342	-0.01738	+(0.30189	+ 0.09275	=	0.39464	):= 0.58611
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	+	From Others per contract	+	0.09275		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)			(volumetric charges in \$/Dth metered)							
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
General Service (GS-1) (0-9 Dth)		11.50	3.31	2.286	1.8203	-0.15090	+(3.01890	+ 0.9275	+	3.9464	):= 7.90180
				0.0001	1.8203	-0.15090	3.01890	0.9275		3.9464	5.61590	
General Service (GS-2) (0-9 Dth)		35.00	20.87	2.286	1.3932	-0.10000	+(3.01890	+ 0.9275	+	3.9464	):= 7.52560
				0.0001	1.3932	-0.10000	3.01890	0.9275		3.9464	5.23970	
General Service (GS-3) (0-9 Dth)		105.00	98.91	2.286	1.0985	-0.07690	+(3.01890	+ 0.9275	+	3.9464	):= 7.25400
				0.0001	1.0985	-0.07690	3.01890	0.9275		3.9464	4.96810	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	0.00000	+	From Others per contract	+	0.92750		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)		
TR-1 (0-2500 Dth)		350.00	273.89	0.20050	75.00	\$/Dth -0.04700	per contract	0.9068	0.7568	0.0344		
				0.0001		-0.04700		0.9068	0.7568	0.0344		
TR-2 (0-2500 Dth)		1590.00	500.00	0.20050	75.00	-0.04210	per contract	0.6279	0.4779	0.0344		
				0.0001		-0.04210		0.6279	0.4779	0.0344		
TR-3 (0-2500 Dth)		7290.00	500.00	0.20050	75.00	-0.03180	per contract	0.4031	0.2531	0.0344		
				0.0001		-0.03180		0.4031	0.2531	0.0344		

OTHER

Gas Light Service: Gas light service customers are billed as unmetred GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2019, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182--Credit B no longer in effectRates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2019

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.00310	0.38670	= 0.4810
Seasonal	10.00	0.09744	+ -0.00310	0.38670	= 0.4810
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.03100	3.8670	= 4.6874
Small Seasonal	18.62	0.8514	+ -0.03100	3.8670	= 4.6874
Large	98.96	0.6214	+ -0.03100	3.8670	= 4.4574
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.23440	+ -0.0026	0.40718	= 0.6390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.7500	+ -0.1837	4.0718	= 5.6381
Firm (304)	274.01	1.7500	+ -0.1150	4.0718	= 5.7068
Interruptible (303)	75.00	0.6400	+ -0.1150	4.0718	= 4.5968
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.1150	25.00	0.6400

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective January 1, 2019 per U-20109; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)—No longer charged

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.1484	3.1484 /Mcf	U-18411
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	U-18412
Michigan Gas Utilities Corp	Decrease	3.5030	3.7181 /Mcf	U-18414
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	U-18489
SEMCO Energy Gas Co	Increase	3.6688	3.6688 /Dth	U-18417
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.5892	3.6435 /Dth	U-18400
Xcel Energy	Unchanged	3.2988	3.2988 /Dth	U-18415

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8617	2.8699	2.8573	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181	3.3750	3.2650	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.4500	3.6688	3.5760	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	2.5908	3.4696	3.9322	4.1411	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602	3.3602	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	3.3602	3.3602	3.3602	/Dth

GAS COST RECOVERY FACTOR HISTORY

December 1, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.9429	2.9429	2.9840	2.9429	3.0662	3.1484	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	2.9429	2.9429	2.9840	2.9429	3.0662	3.1484	/Mcf
DTE Gas Company							
- As Currently Billed	2.8600	2.8600	2.8600	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or as Ordered</u>	2.8600	2.8600	2.8600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.2850	3.3600	3.3050	3.3050	3.3550	3.5030	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	3.7181	3.7181	3.7181	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5760	3.5760	3.5760	3.5760	3.6225	3.6688	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	3.5762	3.5762	3.5762	3.5762	3.6225	3.6688	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8586	3.0190	3.0305	2.0720	3.4710	3.5892	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	3.6115	3.6435	/Dth
Xcel Energy							
- As Currently Billed	3.3632	3.3632	3.3632	3.2988	3.2988	3.2988	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	3.3632	3.3632	3.3632	3.2988	3.2988	3.2988	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2018

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	11.68	0.30552	+ 0.31484	= 0.62036	\$73.72	6%
DTE Gas Company	11.25	0.37611	+ 0.28600	= 0.66211	\$77.46	11%
Michigan Gas Utilities Corp	13.00	0.14273	+ 0.35030	= 0.49303	\$62.30	-11%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	38%
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.15286	+ 0.36688	= 0.51974	\$64.97	-7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.08725	+ 0.35892	= 0.44617	\$49.62	-29%
Xcel Energy	11.00	0.20449	+ 0.32988	= 0.53437	\$64.44	-8%
AVERAGE RATE	10.99	0.24261	+ 0.34609	= 0.51511	\$69.86	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY														December 1, 2018	
	Customer Charge	LIEEF		IRM Surcharge		Tax Reform IRM Credit		RDM Surcharge		Energy Efficiency Charge	IRI Surcharge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge
		see note 6		see note 4 (\$/month)		see note 9		see note 7		see note 2	see note 5	see note 3 (volumetric charges in \$/Mcf)	see note 8 (volumetric charges in \$/Mcf)		
RESIDENTIAL SERVICE															
Sales															
Rate A	11.75	0.00	+	0.00	-0.07	+	0.00	+	0.02238	+	0.00000	0.30031	-0.02	0.31484	= 0.62036
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	-0.07	+	0.00	+	0.02238	+	0.00000	0.30031	-0.02	0.31484	= 0.62036
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)															
Customer Choice														From Utility	
alternative suppliers	11.75			0.00	-0.07				0.02238			0.30031	(see above)	per contract	
														* Including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE															
Sales															
General Service - Rate GS-1	14.00	0.00		0.00	-0.11		0.00	+	0.3331	+	0.00000	2.51330	-0.13	3.1484	= 5.8648
General Service - Rate GS-2	85.40	0.00		0.00	-0.86		0.00	+	0.3331	+	0.00000	1.95170	-0.10	3.1484	= 5.3334
General Service - Rate GS-3 (0-100,000 Year)	480.23	0.00		0.00	-4.32		0.00	+	0.3331	+	0.00000	1.46080	-0.07	3.1484	= 4.8676
General Service - Rate GS-3 (>100,000 Year)	480.23	0.00		0.00	-4.32		0.00	+	0.0111	+	0.00000	1.46080	-0.07	3.1484	= 4.5456
Customer Choice														From Others	
alternative suppliers	(see above)			(see above)								(see above)	(see above)	per contract	
														From Others	
Transportation															
Rate ST Cost Based Rate (0-100,000 Year)	500.00	0.00		0.00	-2.32		0.00		0.3331	0	1.0705	-0.06		per contract	
Rate ST Cost Based Rate (>100,000 Year)	500.00	0.00		0.00	-2.32		0.00		0.0111	0	1.0705	-0.06		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78	0.00		0.00	-4.63		0.00		0.3331	0	0.7932	-0.04		per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,554.78	0.00		0.00	-4.63		0.00		0.0111	0	0.7932	-0.04		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85	0.00		0.00	-11.69		0.00		0.3331	0	0.6969	-0.03		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	59,320.51	0.00		0.00	-11.69		0.00		0.0111	0	0.5394	-0.03		per contract	
XLT Remote Meter Charge	70.00	0.00			0.00		0.00			0		0.0000		per contract	
OTHER															
Sheet D-12.00		(\$/luminaire)										(\$/luminaire)			
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	6.00											includes gas	-0.48		
2.6 to 4.5 CF/Hr	11.00											includes gas	-0.48		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.															
Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.															
Note 3: New rates effective on and after September 1, 2018 per U-18424															
Note 4: IRM surcharge effective beginning the July 2019 billing month through June 2020 billing month per U-48424															
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.															
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed															
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the November 2018 Billing Month (dated October 24, 2018 in Case No. U-18367) - Removed															
Note 8: TCJA tax surcharge (Tax Reform Credit B) effective for service on and after December 1, 2018 through May 31, 2019 per Case U-20287															
Note 9: Tax Reform IRM Credit (Credit B) effective beginning the December 2018 billing month through the May 2019 billing month per U-20287															
Customer Attachment Program surcharges are in addition to rates above															
Understanding your bill at Consumersenergy.com															
Rates Reference:	see	Rate Books													

	DTE GAS COMPANY								December 1, 2018	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit A	GCR Factor	Total Vol Change
	See note 6	See note 2 (\$/month)	See note 1	See note 5	See note 3		See note 4 (volumetric charges in \$/cfd)	See note 7		
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.00	0.00	0.01928 +	0.33683 +	0.02000 +	0.00000	From Utility	
Residential Multi Family Rate 2A Class 1	11.25	0.00	0.00	0.00	+ 0.01368 +	+ 0.33683 +	+ 0.02000 +	+ 0.00000	0.28600 =	0.66211
Residential Multi Family Rate 2A Class 2	31.00	0.00	0.00	0.00	0.01368 +	+ 0.33683 +	+ 0.02000 +	+ 0.00000	0.28600 =	0.65651
<u>Customer Choice</u>									From Others	
<u>alternative suppliers</u>	(see above)					(see above)	+ 0.02000	+ (see above)	per contract	
COMMERCIAL & INDUSTRIAL SERVICE										
		(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales										
Rate GS-1	31.00		0.00	0.00	0.1368 +	2.7796 +	0.20000 +	0.0000	From Utility	
Rate GS-2 (<100,000 Mcf)	600.00		0.00	0.00	0.1368 +	2.2919 +	0.20000 +	0.0000	2.8600 =	5.9764
Rate GS-2 (>100,000 Mcf)	600.00		0.00	0.00	0.0138 +	2.2919 +	0.20000 +	0.0000	2.8600 =	5.4887
Rate S	200.00	0.00	0.00	0.00	0.1368 +	1.7987 +	0.20000 +	0.0000	2.8600 =	5.3657
<u>Customer Choice</u>									From Others	
<u>alternative suppliers</u>	(see above)					(see above)		(see above)	per contract	
Transportation										
Rate ST (cost based rate)	2335.00		0.00	0.00	0.0138	0.9733		0.0000	per contract	
Maximum (optional)	2335.00		0.00	0.00	0.0138	1.7166		0.0000	per contract	
Minimum (optional)	2335.00		0.00	0.00	0.0138	0.2300		0.0000	per contract	
Rate LT (cost based rate)	4775.00		0.00	0.00	0.0138	0.6615		0.0000	per contract	
Maximum (optional)	4775.00		0.00	0.00	0.0138	1.0930		0.0000	per contract	
Minimum (optional)	4775.00		0.00	0.00	0.0138	0.2300		0.0000	per contract	
Rate XLT (cost based rate)	12000.00		0.00	0.00	0.0138	0.5183		0.0000	per contract	
Maximum (optional)	12000.00		0.00	0.00	0.0138	0.8567		0.0000	per contract	
Minimum (optional)	12000.00		0.00	0.00	0.0138	0.1800		0.0000	per contract	
Rate XXLt (cost based rate)	125000.00		0.00	0.00	0.0138	0.1483		0.0000	per contract	
Maximum (optional)	125000.00		0.00	0.00	0.0138	0.8567		0.0000	per contract	
Minimum (optional)	125000.00		0.00	0.00	0.0138	0.0500		0.0000	per contract	
EUT Exploratory Program					0.0069					
Rate XLTXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge										*see E-17.01
Load Balancing Storage Charge										0.25/MMBtu
<p>Note 1: Effective January 2018, customers pay the IRM surcharge per U-20106. Changes each July 1st</p> <p>Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed</p> <p>Note 3: Effective for bills rendered on and after July 1, 2018, customers will pay the EWR surcharge per Case No. U-18268 & Case No. U-20106</p> <p>Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019</p> <p>Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed</p> <p>Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round</p> <p>Note 7: TCJA Credit A effective July 1, 2018 per U-20106</p>										
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill										
Rates Reference:	see	Rate Books	for more details							

MICHIGAN GAS UTILITIES CORP.

December 1, 2018

	Customer Charge	UETM Adjustment	EWR Surcharge	RDM Adjustment	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	TCJA Credit B		Total Vol Charge
		see note 2	see note 1	see note 3	see note 4		see note 6	see note 7	see note 5	
RESIDENTIAL SERVICE	(\$/month)									
							(volumetric charges in \$/Ccf metered)			
Sales							Tax Cut & Jobs Act Reduction Credit	Tax Cut & Jobs Act "Credit B" Portion Credits	Gas Costs From Utility	Reservation Charge
Residential Service	13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	-0.0259	+(2.8600	+ 0.06430
Gas Light Rate-Residential					0.00790	0.15871	-0.01242	-0.0259	+(2.8600	+ 0.06430
										= 0.35030
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		-0.01242	-0.0347	From Others per contract	+ 0.06430
										= 0.35030
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)									
							(volumetric charges in \$/Mcf metered)			
Sales									Gas Costs From Utility	Reservation Charge
Small General Service	35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	-0.1439	+(2.8600	+ 0.6430
Large General Service	425.00	0.00000	154.06		0.07900	1.03220	-0.04080	-0.2174	+(2.8600	+ 0.6430
GasLight Rate-Commercial			8.63		0.07900	1.58700	-0.07380	-0.2174	+(2.8600	+ 0.6430
										= 3.5030
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				(see above)	-0.2056	From Others per contract	+ 0.64300
										= 3.5030
										= 4.87780
	Customer Charge	UETM	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
	see note 2									
Transportation										
TR-1	850.00	0.00000	42.02		0.7777	0.6277	-0.02710	-0.0582		
TR-2	2,250.00	0.00000	152.35		0.4796	0.3296	-0.02280	-0.0458		
TR-3	3,050.00	0.00000	953.63		0.4651	0.3151	-0.02040	-0.0459		

Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036

Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.

Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed

Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.

Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114

Note 7: TCJA "Credit B" portion credits effective October 1, 2018 per U-20181; Effective October 1, 2018 through December 31, 2018 on a service rendered basis

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

December 1, 2018

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge
			see note 2	see note 1		see note 3				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03469	0.17342	-0.05525	+(0.27413	+ 0.09275	=	0.36688
										0.51974
Customer Choice-Residential alternative suppliers		11.50			0.17342	-0.05525	+	From Others per contract	+ 0.09275	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.2889	1.8203	-0.50380	+(2.74130	+ 0.9275	+	3.6688
	(>9 Dth)			0.0001	1.8203	-0.50380	2.74130	0.9275		3.6688
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.2889	1.3932	-0.30940	+(2.74130	+ 0.9275	+	3.6688
	(>9 Dth)			0.0001	1.3932	-0.30940	2.74130	0.9275		3.6688
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.2889	1.0985	-0.24070	+(2.74130	+ 0.9275	+	3.6688
	(>9 Dth)			0.0001	1.0985	-0.24070	2.74130	0.9275		3.6688
Customer Choice-Comm. & Industrial alternative suppliers	(see above)				(see above)	0.00000	+	From Others per contract	+ 0.92750	
Transportation		Customer Charge (\$/month)		Remote Meter Charge (\$/month)			From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	273.89	0.19570	75.00	-0.14290	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.14290		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.19570	75.00	-0.09410	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.09410		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.19570	75.00	-0.11210	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.11210		0.4031	0.2531	0.0344
OTHER										
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.								
Note 1: Effective for bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.										
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018										
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115 & TCJA Credit B surcharge effective October 1, 2018 per U-20182										
Rates at semcoenergy.com										
Customer Attachment Program		surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com										
Rates Reference: see		Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

December 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.01019	0.35892	= 0.4462
Seasonal	10.00	0.09744	+ -0.01019	0.35892	= 0.4462
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.10190	3.5892	= 4.3387
Small Seasonal	18.62	0.8514	+ -0.10190	3.5892	= 4.3387
Large	98.96	0.6214	+ -0.10190	3.5892	= 4.1087
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.21260	+ -0.0081	0.32988	= 0.5344
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.5900	+ -0.5770	3.2988	= 4.3118
Firm (304)	274.01	1.5900	+ -0.3242	3.2988	= 4.5646
Interruptible (303)	75.00	0.6300	+ -0.3242	3.2988	= 3.6046
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.3242	25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective July 1, 2018 per U-20110; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.0662	3.0662 /Mcf	U-18411
DTE Gas Company	<i>Unchanged</i>	2.8600	2.8600 /Mcf	U-18412
Michigan Gas Utilities Corp	<i>Increase</i>	3.5500	3.7181 /Mcf	U-18414
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.1580	4.1580 /Mcf	U-18489
SEMCO Energy Gas Co	<i>Unchanged</i>	3.6225	3.6225 /Dth	U-18417
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.4710	3.6115 /Dth	U-18400
Xcel Energy	<i>Unchanged</i>	3.2988	3.2988 /Dth	U-18415

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8617	2.8699	2.8573	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181	3.3750	3.2650	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.4500	3.6225	3.5760	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	2.5908	3.4696	3.9322	4.1411	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602	3.3602	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	3.3602	3.3602	3.3602	/Dth

GAS COST RECOVERY FACTOR HISTORY

November 1, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.9429	2.9429	2.9840	2.9429	3.0662		/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	2.9429	2.9429	2.9840	2.9429	3.0662	3.0662	/Mcf
DTE Gas Company							
- As Currently Billed	2.8600	2.8600	2.8600	2.8600	2.8600		/Mcf
<u>-U-18412 - As Filed or as Ordered</u>	2.8600	2.8600	2.8600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.2850	3.3600	3.3050	3.3050	3.3550		/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	3.7181	3.7181	3.7181	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580	4.1580		/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5760	3.5760	3.5760	3.5760	3.6225		/Dth
<u>-U-18417 - As Filed or as Ordered</u>	3.5762	3.5762	3.5762	3.5762	3.6225	3.5762	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8586	3.0190	3.0305	2.0720	3.4710		/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	3.6115	3.6115	/Dth
Xcel Energy							
- As Currently Billed	3.3632	3.3632	3.3632	3.2988	3.2988		/Dth
<u>-U-18415 - As Filed or as Ordered</u>	3.3632	3.3632	3.3632	3.2988	3.2988	3.2988	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2018

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	12.75	0.32269	+ 0.30662	= 0.62931	\$75.68	8%
DTE Gas Company	11.25	0.37611	+ 0.28600	= 0.66211	\$77.46	11%
Michigan Gas Utilities Corp	13.00	0.14273	+ 0.35500	= 0.49773	\$62.77	-10%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	38%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.15286	+ 0.36225	= 0.51511	\$64.51	-8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.08725	+ 0.34710	= 0.43435	\$48.44	-31%
Xcel Energy	11.00	0.20449	+ 0.32988	= 0.53437	\$64.44	-8%
AVERAGE RATE	11.14	0.24506	+ 0.34324	= 0.51476	\$69.97	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4 (\$/month)	Tax Reform IRM Credit see note 9	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	TCJA Surcharge see note 8	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE											
Sales											
Rate A	11.75	0.00	+ 0.00	0.00	+ 1.00	+ 0.02238	+ 0.00000	0.30031	0.00000	From Utility 0.30662	= 0.62931
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	0.00	+ 7.80	+ 0.02238	+ 0.00000	0.30031	0.00000	0.30662	= 0.62931
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)											
Customer Choice										From Others	
alternative suppliers	11.75		0.00	0.00		0.02238		0.30031	(see above)	per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE											
Sales											
General Service - Rate GS-1	14.00	0.00	0.00	0.00	-2.10	+ 0.3331	+ 0.00000	2.51330	0.00000	From Utility 3.0662	= 5.9126
General Service - Rate GS-2	85.40	0.00	0.00	0.00	-11.13	+ 0.3331	+ 0.00000	1.95170	0.00000	3.0662	= 5.3510
General Service - Rate GS-3 (0-100,000 Year)	480.23	0.00	0.00	0.00		+ 0.3331	+ 0.00000	1.46080	0.00000	3.0662	= 4.8601
General Service - Rate GS-3 (>100,000 Year)	480.23	0.00	0.00	0.00		+ 0.0111	+ 0.00000	1.46080	0.00000	3.0662	= 4.5381
Customer Choice										From Others	
alternative suppliers	(see above)		(see above)	(see above)				(see above)	(see above)	per contract	
Transportation										From Others	
Rate ST Cost Based Rate (0-100,000 Year)	500.00	0.00	0.00	0.00		0.3331	0	1.0705	0.0000	per contract	
Rate ST Cost Based Rate (>100,000 Year)	500.00	0.00	0.00	0.00		0.0111	0	1.0705	0.0000	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78	0.00	0.00	0.00		0.3331	0	0.7932	0.0000	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,554.78	0.00	0.00	0.00		0.0111	0	0.7932	0.0000	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85	0.00	0.00	0.00		0.3331	0	0.6969	0.0000	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	59,320.51	0.00	0.00	0.00		0.0111	0	0.5394	0.0000	per contract	
XLT Remote Meter Charge	70.00	0.00					0		0.0000	per contract	
OTHER											
Sheet D-12.00											
Outdoor Gas Light - Rate GL										(\$/luminaire)	
up to 2.5 CF/Hr	6.00							includes gas	0.0000		
2.6 to 4.5 CF/Hr	11.00							includes gas	0.0000		
Notes:											
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.											
Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.											
Note 3: New rates effective on and after September 1, 2018 per U-18424											
Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18424 August 31, 2018 per U-18424											
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.											
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed											
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the November 2018 Billing Month (dated October 24, 2018 in Case No. U-18367)											
Note 8: TCJA tax surcharge effective July 1, 2018 per U-20103 through August 31, 2018 per U-18424 - Removed											
Note 9: Tax Reform IRM Credit effective beginning the July 2018 billing month per Case No. U-20103 through August 31, 2018 per U-18424											
Customer Attachment Program surcharges are in addition to rates above											
Understanding your bill at Consumersenergy.com											
Rates Reference:	see										Rate Books

DTE GAS COMPANY										November 1, 2018					
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit A	GCR Factor	Total Vol Charge					
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4	See note 7							
		(\$/month)					(volumetric charges in \$/Ccf)								
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.00	0.00	0.01928	+	0.33683	+	0.02000	+	0.00000	From Utility			
Residential Multi Family Rate 2A Class 1	11.25	0.00	0.00	0.00	+	0.01368	+	0.33683	+	0.02000	+	0.00000	0.28600	=	0.66211
Residential Multi Family Rate 2A Class 2	31.00	0.00	0.00	0.00	0.01368	+	0.33683	+	0.02000	+	0.00000	0.28600	=	0.65651	
Customer Choice															
alternative suppliers	(see above)					(see above)	+	0.02000	+	(see above)		From Others			
												per contract			
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	31.00		0.00	0.00	0.1368	+	2.7796	+	0.20000	+	0.0000	2.8600	=	5.9764	
Rate GS-2 (<100,000 Mcf)	600.00		0.00	0.00	0.1368	+	2.2919	+	0.20000	+	0.0000	2.8600	=	5.4887	
Rate GS-2 (>100,000 Mcf)	600.00		0.00	0.00	0.0138	+	2.2919	+	0.20000	+	0.0000	2.8600	=	5.3657	
Rate S	200.00	0.00	0.00	0.00	0.1368	+	1.7987	+	0.20000	+	0.0000	2.8600	=	4.9955	
Customer Choice															
alternative suppliers	(see above)					(see above)			(see above)			From Others			
												per contract			
Transportation															
Rate ST (cost based rate)	2335.00		0.00	0.00	0.0138		0.9733		0.0000			per contract			
Maximum (optional)	2335.00		0.00	0.00	0.0138		1.7166		0.0000			per contract			
Minimum (optional)	2335.00		0.00	0.00	0.0138		0.2300		0.0000			per contract			
Rate LT (cost based rate)	4775.00		0.00	0.00	0.0138		0.6615		0.0000			per contract			
Maximum (optional)	4775.00		0.00	0.00	0.0138		1.0930		0.0000			per contract			
Minimum (optional)	4775.00		0.00	0.00	0.0138		0.2300		0.0000			per contract			
Rate XLT (cost based rate)	12000.00		0.00	0.00	0.0138		0.5183		0.0000			per contract			
Maximum (optional)	12000.00		0.00	0.00	0.0138		0.8567		0.0000			per contract			
Minimum (optional)	12000.00		0.00	0.00	0.0138		0.1800		0.0000			per contract			
Rate XXLT (cost based rate)	125000.00		0.00	0.00	0.0138		0.1483		0.0000			per contract			
Maximum (optional)	125000.00		0.00	0.00	0.0138		0.8567		0.0000			per contract			
Minimum (optional)	125000.00		0.00	0.00	0.0138		0.0500		0.0000			per contract			
EUT Exploratory Program					0.0069										
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge							10.0000								
Load Balancing Storage Charge							0.25/MMBtu								
Note 1: Effective January 2018, customers pay the IRM surcharge per U-20106. Changes each July 1st															
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed															
Note 3: Effective for bills rendered on and after July 1, 2018, customers will pay the EWR surcharge per Case No. U-18268 & Case No. U-20106															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019															
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed															
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round															
Note 7: TCJA Credit A effective July 1, 2018 per U-20106															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference:	see		Rate Books										for more details		

MICHIGAN GAS UTILITIES CORP.										November 1, 2018			
Customer Charge		UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	TCJA Credit B			Total Vol Charge		
		see note 2	see note 1	see note 3	see note 4		see note 6	see note 7	see note 5				
							(volumetric charges in \$/Ccf metered)						
RESIDENTIAL SERVICE (\$/month)													
							Tax Cut & Jobs Act Reduction Credit	Tax Cut & Jobs Act "Credit B" Portion Credits	Gas Costs From Utility	Reservation Charge	GCR Factor		
Sales													
Residential Service		13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	-0.0259	+(2.9070	+ 0.06430	= 0.35500	)= 0.49773
Gas Light Rate-Residential						0.00790	0.15871	-0.01242	-0.0259	+(2.9070	+ 0.06430	= 0.35500	)= 0.48332
Customer Choice-Residential alternative suppliers (see above)		0.000000	(see above)	(see above)	N/A			-0.01242	-0.0347	+ per contract	+ 0.06430		
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)							(volumetric charges in \$/Mcf metered)						
									Gas Costs From Utility	Reservation Charge	GCR Factor		
Sales													
Small General Service		35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	-0.1439	+(2.9070	+ 0.6430	= 3.5500	)= 4.99830
Large General Service		425.00	0.00000	154.06		0.07900	1.03220	-0.04080	-0.2174	+(2.9070	+ 0.6430	= 3.5500	)= 4.40300
GasLight Rate-Commercial				8.63		0.07900	1.58700	-0.07380	-0.2174	+(2.9070	+ 0.6430	= 3.5500	)= 4.92480
Customer Choice-Comm. & Ind. alternative suppliers (see above)			(see above)					(see above)	-0.2056	+ per contract	+ 0.64300		
Customer Charge		UETM	EO Charge	On-Peak (Nov-Mar)		Off-Peak (Apr-Oct)							
		see note 2											
Transportation													
		\$/mo											
TR-1		850.00	0.00000	42.02		0.7777	0.6277	-0.02710	-0.0582				
TR-2		2,250.00	0.00000	152.35		0.4796	0.3296	-0.02280	-0.0458				
TR-3		3,050.00	0.00000	953.63		0.4651	0.3151	-0.02040	-0.0459				
<p>Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036</p> <p>Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.</p> <p>Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed</p> <p>Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.</p> <p>Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114</p> <p>Note 7: TCJA "Credit B" portion credits effective October 1, 2018 per U-20181; Effective October 1, 2018 through December 31, 2018 on a service rendered basis</p> <p>Customer Attachment Program</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p>													

SEMCO ENERGY GAS COMPANY

November 1, 2018

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge
			see note 2	see note 1		see note 3				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03469	0.17342	-0.05525	+(0.26950	+ 0.09275	=	0.36225
										0.51511
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.05525	From Others per contract	+ 0.09275		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.2889	1.8203	-0.50380	+(2.69500	+ 0.9275	+	3.6225
	(>9 Dth)			0.0001	1.8203	-0.50380	2.69500	0.9275		3.6225
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.2889	1.3932	-0.30940	+(2.69500	+ 0.9275	+	3.6225
	(>9 Dth)			0.0001	1.3932	-0.30940	2.69500	0.9275		3.6225
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.2889	1.0985	-0.24070	+(2.69500	+ 0.9275	+	3.6225
	(>9 Dth)			0.0001	1.0985	-0.24070	2.69500	0.9275		3.6225
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	From Others per contract	+ 0.92750		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge
TR-1	(0-2500 Dth)	350.00	273.89	0.19570	75.00	\$/Dth -0.14290	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.14290		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.19570	75.00	-0.09410	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.09410		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.19570	75.00	-0.11210	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.11210		0.4031	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetred GS-1 customers.

Note 1: Effective for bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018**Note 3:** Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115; TCJA Credit B surcharge effective October 1, 2018 per U-20182Rates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09744	+ -0.01019	0.34710	= 0.4344
Seasonal	10.00	0.09744	+ -0.01019	0.34710	= 0.4344
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.31	0.8514	+ -0.10190	3.4710	= 4.2205
Small Seasonal	18.62	0.8514	+ -0.10190	3.4710	= 4.2205
Large	98.96	0.6214	+ -0.10190	3.4710	= 3.9905
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.21260	+ -0.0081	0.32988	= 0.5344
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	25.73	1.5900	+ -0.5770	3.2988	= 4.3118
Firm (304)	274.01	1.5900	+ -0.3242	3.2988	= 4.5646
Interruptible (303)	75.00	0.6300	+ -0.3242	3.2988	= 3.6046
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.3242	25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective July 1, 2018 per U-20110; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.9429	2.9429 /Mcf	U-18411
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	U-18412
Michigan Gas Utilities Corp	Unchanged	3.3050	3.7181 /Mcf	U-18414
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	U-18489
SEMCO Energy Gas Co	Increase	3.6225	3.6225 /Dth	U-18417
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	2.0720	4.2780 /Dth	U-18400
Xcel Energy	Decrease	3.2988	3.2988 /Dth	U-18415

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8617	2.8699	2.8573	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181	3.3750	3.2650	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.4500	3.6225	3.5760	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	2.5908	3.4696	3.9322	4.1411	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602	3.3602	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	3.3602	3.3602	3.3602	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.9429	2.9429	2.9840	2.9429			/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	2.9429	2.9429	2.9840	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	2.8600	2.8600	2.8600	2.8600			/Mcf
<u>-U-18412 - As Filed or as Ordered</u>	2.8600	2.8600	2.8600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.2850	3.3600	3.3050	3.3050			/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	3.7181	3.7181	3.7181	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580	4.1580			/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5760	3.5760	3.5760	3.6225			/Dth
<u>-U-18417 - As Filed or as Ordered</u>	3.5762	3.5762	3.5762	3.6225	3.6225	3.6225	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8586	3.0190	3.0305	2.0720			/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	3.3632	3.3632	3.3632	3.2988			/Dth
<u>-U-18415 - As Filed or as Ordered</u>	3.3632	3.3632	3.3632	3.2988	3.2988	3.2988	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2018

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *			(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *			(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	11.75	0.32269	+ 0.29429	= 0.61698	\$73.45	9%
DTE Gas Company	11.25	0.37611	+ 0.28600	= 0.66211	\$77.46	15%
Michigan Gas Utilities Corp	13.00	0.14273	+ 0.33050	= 0.47323	\$60.32	-10%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	43%
Superior Energy Company *			(Rates set by local government regulation, not by the MPSC)			
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.15286	+ 0.36225	= 0.51511	\$64.51	-4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.08495	+ 0.20720	= 0.29215	\$34.22	-49%
Xcel Energy	11.00	0.20449	+ 0.32988	= 0.53437	\$64.44	-4%
AVERAGE RATE	11.00	0.24473	+ 0.31799	= 0.49238	\$67.27	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4 (\$/month)	Tax Reform IRM Credit see note 9	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	TCJA Surcharge see note 8	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE											
Sales											
Rate A	11.75	0.00	+ 0.00	0.00	+ 0.00	+ 0.02238	+ 0.00000	0.30031	0.00000	From Utility 0.29429	= 0.61698
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	0.00	+ 0.00	+ 0.02238	+ 0.00000	0.30031	0.00000	0.29429	= 0.61698
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)											
Customer Choice										From Others	
alternative suppliers	11.75		0.00	0.00		0.02238		0.30031	(see above)	per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE											
Sales											
General Service - Rate GS-1	14.00	0.00	0.00	0.00	0.00	+ 0.3331	+ 0.00000	2.51330	0.00000	From Utility 2.9429	= 5.7893
General Service - Rate GS-2	85.40	0.00	0.00	0.00	0.00	+ 0.3331	+ 0.00000	1.95170	0.00000	2.9429	= 5.2277
General Service - Rate GS-3 (0-100,000 Year)	480.23	0.00	0.00	0.00	0.00	+ 0.3331	+ 0.00000	1.46080	0.00000	2.9429	= 4.7368
General Service - Rate GS-3 (>100,000 Year)	480.23	0.00	0.00	0.00	0.00	+ 0.0111	+ 0.00000	1.46080	0.00000	2.9429	= 4.4148
Customer Choice										From Others	
alternative suppliers	(see above)		(see above)	(see above)				(see above)	(see above)	per contract	
Transportation										From Others	
Rate ST Cost Based Rate (0-100,000 Year)	500.00	0.00	0.00	0.00		0.3331	0	1.0705	0.0000	per contract	
Rate ST Cost Based Rate (>100,000 Year)	500.00	0.00	0.00	0.00		0.0111	0	1.0705	0.0000	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78	0.00	0.00	0.00		0.3331	0	0.7932	0.0000	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,554.78	0.00	0.00	0.00		0.0111	0	0.7932	0.0000	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85	0.00	0.00	0.00		0.3331	0	0.6969	0.0000	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	59,320.51	0.00	0.00	0.00		0.0111	0	0.5394	0.0000	per contract	
XLT Remote Meter Charge	70.00	0.00					0		0.0000	per contract	
OTHER											
Sheet D-12.00											
Outdoor Gas Light - Rate GL										(\$/luminaire)	
up to 2.5 CF/Hr	6.00							includes gas	0.0000		
2.6 to 4.5 CF/Hr	11.00							includes gas	0.0000		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.											
Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.											
Note 3: New rates effective on and after September 1, 2018 per U-18424											
Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18424 August 31, 2018 per U-18424											
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.											
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed											
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed											
Note 8: TCJA tax surcharge effective July 1, 2018 per U-20103 through August 31, 2018 per U-18424 - Removed											
Note 9: Tax Reform IRM Credit effective beginning the July 2018 billing month per Case No. U-20103 through August 31, 2018 per U-18424											
Customer Attachment Program surcharges are in addition to rates above											
Understanding your bill at Consumersenergy.com											
Rates Reference:	see		Rate Books								

DTE GAS COMPANY										October 1, 2018	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit A	GCR Factor	Total Vol Charge	
	See note 6	See note 2 (\$/month)	See note 1	See note 5	See note 3		See note 4 (volumetric charges in \$/Ccf)	See note 7			
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.00	0.00	0.01928	0.33683	0.02000	0.00000	0.28600	= 0.66211	
Residential Multi Family Rate 2A Class 1	11.25	0.00	0.00	0.00	0.01368	0.33683	0.02000	0.00000	0.28600	= 0.65651	
Residential Multi Family Rate 2A Class 2	31.00	0.00	0.00	0.00	0.01368	0.33683	0.02000	0.00000	0.28600	= 0.65651	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)	0.02000	(see above)	per contract		
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	31.00		0.00	0.00	0.1368	2.7796	0.20000	0.0000	2.8600	= 5.9764	
Rate GS-2 (<100,000 Mcf)	600.00		0.00	0.00	0.1368	2.2919	0.20000	0.0000	2.8600	= 5.4887	
Rate GS-2 (>100,000 Mcf)	600.00		0.00	0.00	0.0138	2.2919	0.20000	0.0000	2.8600	= 5.3657	
Rate S	200.00	0.00	0.00	0.00	0.1368	1.7987	0.20000	0.0000	2.8600	= 4.9955	
Customer Choice									From Others		
alternative suppliers	(see above)					(see above)		(see above)	per contract		
Transportation											
Rate ST (cost based rate)	2335.00		0.00	0.00	0.0138	0.9733		0.0000	per contract		
Maximum (optional)	2335.00		0.00	0.00	0.0138	1.7166		0.0000	per contract		
Minimum (optional)	2335.00		0.00	0.00	0.0138	0.2300		0.0000	per contract		
Rate LT (cost based rate)	4775.00		0.00	0.00	0.0138	0.6615		0.0000	per contract		
Maximum (optional)	4775.00		0.00	0.00	0.0138	1.0930		0.0000	per contract		
Minimum (optional)	4775.00		0.00	0.00	0.0138	0.2300		0.0000	per contract		
Rate XLT (cost based rate)	12000.00		0.00	0.00	0.0138	0.5183		0.0000	per contract		
Maximum (optional)	12000.00		0.00	0.00	0.0138	0.8567		0.0000	per contract		
Minimum (optional)	12000.00		0.00	0.00	0.0138	0.1800		0.0000	per contract		
Rate XXLT (cost based rate)	125000.00		0.00	0.00	0.0138	0.1483		0.0000	per contract		
Maximum (optional)	125000.00		0.00	0.00	0.0138	0.8567		0.0000	per contract		
Minimum (optional)	125000.00		0.00	0.00	0.0138	0.0500		0.0000	per contract		
EUT Exploratory Program					0.0069						
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge						10.0000					
Load Balancing Storage Charge						0.25/MMBtu					
Note 1: Effective January 2018, customers pay the IRM surcharge per U-20106. Changes each July 1st											
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed											
Note 3: Effective for bills rendered on and after July 1, 2018, customers will pay the EWR surcharge per Case No. U-18268 & Case No. U-20106											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019											
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 7: TCJA Credit A effective July 1, 2018 per U-20106											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:	see	Rate Books								for more details	

MICHIGAN GAS UTILITIES CORP.										October 1, 2018	
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge	TCJA Credit B		Total Vol Charge	
	see note 2	see note 1	see note 3	see note 4	see note 6	see note 7	see note 5				
(volumetric charges in \$/Ccf metered)											
RESIDENTIAL SERVICE (\$/month)											
							Tax Cut & Jobs Act Reduction Credit	Tax Cut & Jobs Act "Credit B" Portion Credits	Gas Costs From Utility	Reservation Charge	GCR Factor
Sales											
Residential Service	13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	-0.0259	0.26620	0.06430	0.33050
Gas Light Rate-Residential					0.00790	0.15871	-0.01242	-0.0259	0.26620	0.06430	0.33050
Customer Choice-Residential alternative suppliers (see above)	0.000000	(see above)	(see above)	N/A			-0.01242	-0.0347	From Others per contract	0.06430	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)											
									Gas Costs From Utility	Reservation Charge	GCR Factor
Sales											
Small General Service	35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	-0.1439	2.6620	0.6430	3.3050
Large General Service	425.00	0.00000	154.06		0.07900	1.03220	-0.04080	-0.2174	2.6620	0.6430	3.3050
GasLight Rate-Commercial			8.63		0.07900	1.58700	-0.07380	-0.2174	2.6620	0.6430	3.3050
Customer Choice-Comm. & Ind. alternative suppliers (see above)		(see above)					(see above)	-0.2056	From Others per contract	0.64300	
	Customer Charge	UETM	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
	see note 2										
Transportation											
TR-1	850.00	0.00000	42.02		0.7777	0.6277	-0.02710	-0.0582			
TR-2	2,250.00	0.00000	152.35		0.4796	0.3296	-0.02280	-0.0458			
TR-3	3,050.00	0.00000	953.63		0.4651	0.3151	-0.02040	-0.0459			
Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036 Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548. Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts. Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414. Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114 Note 7: TCJA "Credit B" portion credits effective October 1, 2018 per U-20181; Effective October 1, 2018 through December 31, 2018 on a service rendered basis Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books											

SEMCO ENERGY GAS COMPANY

October 1, 2018

		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge
			see note 2	see note 1		see note 3				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03469	0.17342	-0.05525	+(0.26950	+ 0.09275	=	0.36225):- 0.51511
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.05525	+ From Others per contract	+ 0.09275		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Sales										
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.2889	1.8203	-0.50380	+(2.69500	+ 0.9275	+	3.6225):- 7.22790
	(>9 Dth)			0.0001	1.8203	-0.50380	2.69500	0.9275		3.6225 4.93910
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.2889	1.3932	-0.30940	+(2.69500	+ 0.9275	+	3.6225):- 6.99520
	(>9 Dth)			0.0001	1.3932	-0.30940	2.69500	0.9275		3.6225 4.70640
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.2889	1.0985	-0.24070	+(2.69500	+ 0.9275	+	3.6225):- 6.76920
	(>9 Dth)			0.0001	1.0985	-0.24070	2.69500	0.9275		3.6225 4.48040
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	+ From Others per contract	+ 0.92750		
TRANSPORTATION		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	(0-2500 Dth)	350.00	273.89	0.19570	75.00	-0.14290	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.14290		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.19570	75.00	-0.09410	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.09410		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.19570	75.00	-0.11210	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.11210		0.4031	0.2531	0.0344
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.										
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018										
Note 3: Sum of TCJA Credit A and B. TCJA tax surcharge (Credit A) effective July 1, 2018 per U-20115; TCJA Credit B surcharge effective October 1, 2018 per U-20182										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
Rates Reference: see Rate Books for more details										
surcharges are in addition to rates above										

OTHER MICHIGAN-PSC REGULATED

October 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service					
Year-Round	5.00	0.09514	+ -0.01019	0.20720	= 0.2922
Seasonal	10.00	0.09514	+ -0.01019	0.20720	= 0.2922
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+ -0.10190	2.0720	= 2.8215
Small Seasonal	18.12	0.8514	+ -0.10190	2.0720	= 2.8215
Large	90.51	0.6214	+ -0.10190	2.0720	= 2.5915
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA Surcharge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharges	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Notes 2 & 3	From Utility	
Residential Service (301)	11.00	0.21260	+ -0.0081	0.32988	= 0.5344
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	25.73	1.5900	+ -0.5770	3.2988	= 4.3118
Firm (304)	274.01	1.5900	+ -0.3242	3.2988	= 4.5646
Interruptible (303)	75.00	0.6300	+ -0.3242	3.2988	= 3.6046
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	78.73	25.00	-0.3242	25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective July 1, 2018 per U-20110; No surcharge for Presque Isle

Note 3: TCJA Credit Bs effective October 1, 2018 per U20183 (UMERC) & per U-20185 (XCEL)

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.9840	2.9840 /Mcf	<u>U-18411</u>
DTE Gas Company	<i>Unchanged</i>	2.8600	2.8600 /Mcf	<u>U-18412</u>
Michigan Gas Utilities Corp	<i>Decrease</i>	3.3050	3.7181 /Mcf	<u>U-18414</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.1580	4.1580 /Mcf	<u>U-18489</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	3.5760	3.5762 /Dth	<u>U-18417</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	3.0305	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	<i>Unchanged</i>	3.3632	3.3602 /Dth	<u>U-18415</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2018

Calendar Year of GCR Factors

	Jan-18 \$/unit	Feb-18 \$/unit	Mar-18 \$/unit	Apr-18 \$/unit	May-18 \$/unit	Jun-18 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8617	2.8699	2.8573	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181	3.3750	3.2650	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.4500	3.5760	3.5760	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	2.5908	3.4696	3.9322	4.1411	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602	3.3602	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	3.3602	3.3602	3.3602	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.9429	2.9429	2.9840				/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	2.9429	2.9429	2.9840	2.9840	2.9840	2.9840	/Mcf
DTE Gas Company							
- As Currently Billed	2.8600	2.8600	2.8600				/Mcf
<u>-U-18412 - As Filed or as Ordered</u>	2.8600	2.8600	2.8600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.2850	3.3600	3.3050				/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	3.7181	3.7181	3.7181	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580	4.1580				/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5760	3.5760	3.5760				/Dth
<u>-U-18417 - As Filed or as Ordered</u>	3.5762	3.5762	3.5762	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8586	3.0190	3.0305				/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	3.3632	3.3632	3.3632				/Dth
<u>-U-18415 - As Filed or as Ordered</u>	3.3632	3.3632	3.3632	3.3310	3.3310	3.3310	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2018

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.32269	+ 0.29840	= 0.62109	\$73.86	6%
DTE Gas Company	12.35	0.34518	+ 0.28600	= 0.63118	\$75.47	9%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.33050	= 0.49910	\$62.91	-10%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	39%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19073	+ 0.35760	= 0.54833	\$67.83	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09204	+ 0.30305	= 0.39509	\$44.51	-36%
Xcel Energy	11.00	0.21029	+ 0.33632	= 0.54661	\$65.66	-6%
AVERAGE RATE	11.16	0.25126	+ 0.33252	= 0.51081	\$69.54	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											September 1, 2018
	Customer Charge	LIEEF	IRM Surcharge	Tax Reform IRM Credit	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge
	see note 6		see note 4 (\$/month)	see note 9	see note 7	see note 2	see note 5	see note 3 (volumetric charges in \$/ccf)	see note 8		
RESIDENTIAL SERVICE											
Sales											
Rate A	11.75	0.00	+ 0.00	0.00	+ 0.00	+ 0.02238	+ 0.00000	0.30031	0.00000	From Utility	
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	0.00	+ 0.00	+ 0.02238	+ 0.00000	0.30031	0.00000	0.29840	= 0.62109
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)										0.29840	= 0.62109
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	11.75		0.00	0.00		0.02238		0.30031	(see above)	per contract	
										* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE											
			(\$/month)					(volumetric charges in \$/Mcf)			
Sales											
General Service - Rate GS-1	14.00	0.00	0.00	0.00	0.00	+ 0.3331	+ 0.00000	2.51330	0.00000	From Utility	
General Service - Rate GS-2	85.40	0.00	0.00	0.00	0.00	+ 0.3331	+ 0.00000	1.95170	0.00000	2.9840	= 5.8304
General Service - Rate GS-3 (0-100,000 Year)	480.23	0.00	0.00	0.00		+ 0.3331	+ 0.00000	1.46080	0.00000	2.9840	= 5.2688
General Service - Rate GS-3 (>100,000 Year)	480.23	0.00	0.00	0.00		+ 0.0111	+ 0.00000	1.46080	0.00000	2.9840	= 4.7779
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	(see above)		(see above)	(see above)				(see above)	(see above)	per contract	
Transportation											
						(volumetric charges in \$/Mcf)				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	500.00	0.00	0.00	0.00		0.3331	0	1.0705	0.0000	per contract	
Rate ST Cost Based Rate (>100,000 Year)	500.00	0.00	0.00	0.00		0.0111	0	1.0705	0.0000	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,554.78	0.00	0.00	0.00		0.3331	0	0.7932	0.0000	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,554.78	0.00	0.00	0.00		0.0111	0	0.7932	0.0000	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	6,577.85	0.00	0.00	0.00		0.3331	0	0.6969	0.0000	per contract	
Rate XXLT Cost Based Rate (>100,000 Year)	59,320.51	0.00	0.00	0.00		0.0111	0	0.5394	0.0000	per contract	
XLT Remote Meter Charge	70.00	0.00					0		0.0000	per contract	
OTHER											
		(\$/luminaire)								(\$/luminaire)	
Outdoor Gas Light - Rate GL											
up to 2.5 CF/Hr	7.00							includes gas	0.0000		
2.6 to 4.5 CF/Hr	15.00							includes gas	0.0000		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.											
Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.											
Note 3: New rates effective on and after September 1, 2018 per U-18424											
Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124 August 31, 2018 per U-18424											
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.											
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed											
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed											
Note 8: TCJA tax surcharge effective July 1, 2018 per U-20103 through August 31, 2018 per U-18424 - Removed											
Note 9: Tax Reform IRM Credit effective beginning the July 2018 billing month per Case No. U-20103 through August 31, 2018 per U-18424											
<u>Customer Attachment Program</u> surcharges are in addition to rates above											
<u>Understanding your bill at Consumersenergy.com</u>											
Rates Reference:	see		Rate Books								

DTE GAS COMPANY											September 1, 2018				
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit A	GCR Factor	Total Vol Charge					
	See note 6	See note 2 (\$/month)	See note 1	See note 5	See note 3		See note 4 (volumetric charges in \$/Ccf)	See note 7							
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	1.10	0.00	0.01928	+	0.32707	+	0.02000	+	-0.02117	From Utility	0.28600	=	0.63118
Residential Multi Family Rate 2A Class 1	11.25	0.00	5.71	0.00	+	0.01368	+	0.32707	+	0.02000	+	-0.02117	0.28600	=	0.62558
Residential Multi Family Rate 2A Class 2	31.00	0.00	5.71	0.00	0.01368	+	0.32707	+	0.02000	+	-0.02117	0.28600	=	0.62558	
<u>Customer Choice</u>															
<u>alternative suppliers</u>	(see above)					(see above)	+	0.02000	+	(see above)		From Others			
												per contract			
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	31.00		3.88	0.00	0.1368	+	2.8473	+	0.20000	+	-0.1985	From Utility	2.8600	=	5.8456
Rate GS-2 (<100,000 Mcf)	590.00		3.88	0.00	0.1368	+	2.3682	+	0.20000	+	-0.1562	2.8600	=	5.4088	
Rate GS-2 (>100,000 Mcf)	590.00		3.88	0.00	0.0138	+	2.3682	+	0.20000	+	-0.1562	2.8600	=	5.2858	
Rate S	200.00	0.00	44.41	0.00	0.1368	+	1.9181	+	0.20000	+	-0.1616	2.8600	=	4.9533	
<u>Customer Choice</u>															
<u>alternative suppliers</u>	(see above)					(see above)			(see above)			From Others			
												per contract			
Transportation															
Rate ST (cost based rate)	2330.00		173.76	0.00	0.0138		0.9404				-0.1026	From Others			
Maximum (optional)	2330.00		173.76	0.00	0.0138		1.6508				-0.1026	per contract			
Minimum (optional)	2330.00		173.76	0.00	0.0138		0.2300				-0.1026	per contract			
Rate LT (cost based rate)	4250.00		813.45	0.00	0.0138		0.6846				-0.0685	per contract			
Maximum (optional)	4250.00		813.45	0.00	0.0138		1.1392				-0.0685	per contract			
Minimum (optional)	4250.00		813.45	0.00	0.0138		0.2300				-0.0685	per contract			
Rate XLT (cost based rate)	10500.00		2625.00	0.00	0.0138		0.5517				-0.0541	per contract			
Maximum (optional)	10500.00		2625.00	0.00	0.0138		0.9234				-0.0541	per contract			
Minimum (optional)	10500.00		2625.00	0.00	0.0138		0.1800				-0.0541	per contract			
Rate XXLT (cost based rate)	125000.00		31250.00	0.00	0.0138		0.1707				-0.0231	per contract			
Maximum (optional)	125000.00		31250.00	0.00	0.0138		0.9234				-0.0231	per contract			
Minimum (optional)	125000.00		31250.00	0.00	0.0138		0.0500				-0.0231	per contract			
EUT Exploratory Program					0.0069										
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge							10.0000								
Load Balancing Storage Charge							0.25/MMBtu								
Note 1: Effective January 2018, customers pay the IRM surcharge per U-20106. Changes each July 1st															
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed															
Note 3: Effective for bills rendered on and after July 1, 2018, customers will pay the EWR surcharge per Case No. U-18268 & Case No. U-20106															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019															
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed															
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round															
Note 7: TCJA Credit A effective July 1, 2018 per U-20106															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

MICHIGAN GAS UTILITIES CORP.										September 1, 2018	
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge			Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4		see note 6		see note 5		
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)				
							Tax Cut & Jobs Act Reduction Credit	Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales											
Residential Service	13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	0.26550	0.06500	0.33050	
Gas Light Rate-Residential					0.00790	0.15871	-0.01242	0.26550	0.06500	0.33050	
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		-0.01242	From Others per contract	Reservation Charge		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)				
								Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales											
Small General Service	35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	2.6550	0.6500	3.3050	
Large General Service	425.00	0.00000	154.06		0.07900	1.03220	-0.04080	2.6550	0.6500	3.3050	
GasLight Rate-Commercial			8.63		0.07900	1.58700	-0.07380	2.6550	0.6500	3.3050	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				(see above)	From Others per contract	Reservation Charge		
Transportation	Customer Charge	UETM	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2									
		\$/mo									
TR-1	850.00	0.00000	42.02		0.7777	0.6277	-0.02710				
TR-2	2,250.00	0.00000	152.35		0.4796	0.3296	-0.02280				
TR-3	3,050.00	0.00000	953.63		0.4651	0.3151	-0.02040				
Note 1: Effective for bills rendered on and after August 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated July 24, 2018 In Case No: U-20036											
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.											
Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed											
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.											
Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114											
Customer Attachment Program											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY

September 1, 2018

SEMCO ENERGY GAS CONTRACT										September 1, 2018	
		Customer Charge	Rider MRP Charge	EWR Charge	Distribution Charge	TCJA Surcharge				Total Charge	
			see note 2	see note 1		see note 3					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)					
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.50	0.03469	0.17342	-0.01738	+(0.26485	+ 0.09275	=	0.35760):- 0.54833	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	+ From Others per contract	+ 0.09275			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)						Balancing and Demand Charge	GCR Factor		
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.2889	1.8203	-0.15090	+(2.64850	+ 0.9275	+ 3.5760	):- 7.53430
	(>9 Dth)			0.0001	1.8203	-0.15090	2.64850	0.9275	3.5760	5.24550	
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.2889	1.3932	-0.10000	+(2.64850	+ 0.9275	+ 3.5760	):- 7.15810
	(>9 Dth)			0.0001	1.3932	-0.10000	2.64850	0.9275	3.5760	4.86930	
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.2889	1.0985	-0.07690	+(2.64850	+ 0.9275	+ 3.5760	):- 6.88650
	(>9 Dth)			0.0001	1.0985	-0.07690	2.64850	0.9275	3.5760	4.59770	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	+ From Others per contract	+ 0.92750			
		Customer Charge (\$/month)		Remote Meter Charge (\$/month)			From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
Transportation											
TR-1	(0-2500 Dth)	350.00	273.89	0.19570	75.00	-0.04700	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.19570	75.00	-0.04210	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.19570	75.00	-0.03180	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344	
OTHER											
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.										
Note 1: Effective for bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20037.											
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018											
Note 3: TCJA tax surcharge effective July 1, 2018 per U-20115											
Rates at semcoenergy.com											
Customer Attachment Program											
Understanding your bill at semcoenergygas.com											
Rates Reference: see				surcharges are in addition to rates above							
				Rate Books for more details							

OTHER MICHIGAN-PSC REGULATED

September 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)	
Sales			See note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09514	+ -0.00310	0.30305	= 0.3951
Seasonal	10.00	0.09514	+ -0.00310	0.30305	= 0.3951
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)	
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+ -0.03100	3.0305	= 3.8509
Small Seasonal	18.12	0.8514	+ -0.03100	3.0305	= 3.8509
Large	90.51	0.6214	+ -0.03100	3.0305	= 3.6209
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)	
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)	
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EO surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)	
Sales				From Utility	
Residential Service (301)	11.00	0.21260	+ -0.0023	0.33632	= 0.5466
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)	
Sales				From Utility	
Firm (302)	25.73	1.5900	+ -0.1624	3.3632	= 4.7908
Firm (304)	274.01	1.5900	+ -0.1017	3.3632	= 4.8515
Interruptible (303)	75.00	0.6300	+ -0.1017	3.3632	= 3.8915
Transportation	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Firm	(\$/month)	(\$/month)		(\$/month)	\$/Dth
	78.73	25.00	-0.1017	25.00	0.6300

Rates Reference: see Rate Books for more details

[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-20031. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective July 1, 2018 per U-20110; No surcharge for Presque Isle

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Unchanged	2.9429	2.9429 /Mcf	<u>U-18411</u>
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	<u>U-18412</u>
Michigan Gas Utilities Corp	Increase	3.3600	3.7181 /Mcf	<u>U-18414</u>
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	<u>U-18489</u>
SEMCO Energy Gas Co	Unchanged	3.5760	3.5762 /Dth	<u>U-18417</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.0190	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	Unchanged	3.3632	3.3602 /Dth	<u>U-18415</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2018

Calendar Year of GCR Factors

	Jan-18 \$/unit	Feb-18 \$/unit	Mar-18 \$/unit	Apr-18 \$/unit	May-18 \$/unit	Jun-18 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8617	2.8699	2.8573	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181	3.3750	3.2650	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.4500	3.5760	3.5760	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	2.5908	3.4696	3.9322	4.1411	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602	3.3602	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	3.3602	3.3602	3.3602	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.9429	2.9429					/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	2.9429	2.9429	2.9429	2.9429	2.9429	2.9429	/Mcf
DTE Gas Company							
- As Currently Billed	2.8600	2.8600					/Mcf
<u>-U-18412 - As Filed or as Ordered</u>	2.8600	2.8600	2.8600	2.8600	2.8600	2.8600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.2850	3.3600					/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	3.7181	3.7181	3.7181	3.7181	3.7181	3.7181	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580	4.1580					/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.1580	4.1580	4.1580	4.1580	4.1580	4.1580	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5760	3.5760					/Dth
<u>-U-18417 - As Filed or as Ordered</u>	3.5762	3.5762	3.5762	3.5762	3.5762	3.5762	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8586	3.0190					/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	3.3632	3.3632					/Dth
<u>-U-18415 - As Filed or as Ordered</u>	3.3632	3.3632	3.3632	3.3310	3.3310	3.3310	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2018

	Monthly Charge	Distribution Charge ¹	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.37	0.29626	+ 0.29429	= 0.59055	\$71.43	3%
DTE Gas Company	12.35	0.34518	+ 0.28600	= 0.63118	\$75.47	9%
Michigan Gas Utilities Corp	13.00	0.16860	+ 0.33600	= 0.50460	\$63.46	-9%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	39%
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.00	0.19078	+ 0.35760	= 0.54838	\$67.84	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09204	+ 0.30190	= 0.39394	\$44.39	-36%
Xcel Energy	11.00	0.22389	+ 0.33632	= 0.56021	\$67.02	-3%
AVERAGE RATE	11.25	0.24944	+ 0.33256	= 0.50925	\$69.45	0%

¹Distribution charge includes all applicable surcharges/credits

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2018

	Customer Charge	LIEEF	IRM Surcharge	Tax Reform IRM Credit	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge
	see note 6		see note 4 (\$/month)	see note 5	see note 7	see note 2	see note 5	see note 3 (volumetric charges in \$/ccf)	see note 8		
RESIDENTIAL SERVICE											
Sales											
Rate A	11.75	0.00	+ 0.69	-0.07	+ 0.00	+ 0.02238	+ 0.00000	0.29594	-0.02206	0.29429	= 0.59055
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	-0.07	+ 0.00	+ 0.02238	+ 0.00000	0.29594	-0.02206	0.29429	= 0.59055
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)											
<u>Customer Choice</u>											From Utility
<u>alternative suppliers</u>	11.75		0.69	-0.07		0.02238		0.29594	(see above)		0.29429 = 0.59055
per contract * including EO Surcharge (Note 2)											
COMMERCIAL & INDUSTRIAL SERVICE											
Sales											
General Service - Rate GS-1	14.00	0.00	1.12	-0.11	0.00	+ 0.3331	+ 0.00000	2.47630	-0.17000	2.9429	= 5.5823
General Service - Rate GS-2	49.00	0.00	9.03	-0.87	0.00	+ 0.3331	+ 0.00000	2.05710	-0.11830	2.9429	= 5.2148
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95	-4.80		+ 0.3331	+ 0.00000	1.31320	-0.09100	2.9429	= 4.4982
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95	-4.80		+ 0.0111	+ 0.00000	1.31320	-0.09100	2.9429	= 4.1762
<u>Customer Choice</u>											From Utility
<u>alternative suppliers</u>	(see above)		(see above)	(see above)				(see above)	(see above)		2.9429 = 5.5823
per contract											
Transportation											
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14	-2.51		0.3331	0	1.0070	-0.0670		per contract
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14	-2.51		0.0111	0	1.0070	-0.0670		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17	-5.59		0.3331	0	0.8213	-0.0488		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17	-5.59		0.0111	0	0.8213	-0.0488		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35	-20.32		0.3331	0	0.6930	-0.0364		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35	-20.32		0.0111	0	0.6930	-0.0364		per contract
XLT Remote Meter Charge	70.00	0.00					0	0.0000			per contract
OTHER											
Outdoor Gas Light - Rate GL											
up to 2.5 CF/Hr	7.00							includes gas	0.0000		
2.6 to 4.5 CF/Hr	15.00							includes gas	0.0000		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.											
Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.											
Note 3: New rates effective on and after August 7, 2017 per U-18124											
Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124											
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.											
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed											
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed											
Note 8: TCJA tax surcharge effective July 1, 2018 per U-20103											
Note 9: Tax Reform IRM Credit effective beginning the July 2018 billing month per Case No. U-20103											
<u>Customer Attachment Program</u> surcharges are in addition to rates above											
<u>Understanding your bill at Consumersenergy.com</u>											
Rates Reference:	see		Rate Books								

DTE GAS COMPANY											August 1, 2018				
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit A	GCR Factor	Total Vol Charge					
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4	See note 7							
		(\$/month)					(volumetric charges in \$/Ccf)								
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	1.10	0.00	0.01928	+	0.32707	+	0.02000	+	-0.02117	From Utility	0.28600	=	0.63118
Residential Multi Family Rate 2A Class 1	11.25	0.00	5.71	0.00	+	0.01368	+	0.32707	+	0.02000	+	-0.02117	0.28600	=	0.62558
Residential Multi Family Rate 2A Class 2	31.00	0.00	5.71	0.00	0.01368	+	0.32707	+	0.02000	+	0.02117	0.28600	=	0.66792	
Customer Choice															
alternative suppliers	(see above)					(see above)	+	0.02000	+	(see above)		per contract			
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	31.00		3.88	0.00	0.1368	+	2.8473	+	0.20000	+	-0.1985	From Utility	2.8600	=	5.8456
Rate GS-2 (<100,000 Mcf)	590.00		3.88	0.00	0.1368	+	2.3682	+	0.20000	+	-0.1562	2.8600	=	5.4088	
Rate GS-2 (>100,000 Mcf)	590.00		3.88	0.00	0.0138	+	2.3682	+	0.20000	+	-0.1562	2.8600	=	5.2858	
Rate S	200.00	0.00	44.41	0.00	0.1368	+	1.9181	+	0.20000	+	-0.1616	2.8600	=	4.9533	
Customer Choice															
alternative suppliers	(see above)					(see above)			(see above)			per contract			
Transportation															
Rate ST (cost based rate)	2330.00		173.76	0.00	0.0138		0.9404		-0.1026			From Others			
Maximum (optional)	2330.00		173.76	0.00	0.0138		1.6508		-0.1026			per contract			
Minimum (optional)	2330.00		173.76	0.00	0.0138		0.2300		-0.1026			per contract			
Rate LT (cost based rate)	4250.00		813.45	0.00	0.0138		0.6846		-0.0685			per contract			
Maximum (optional)	4250.00		813.45	0.00	0.0138		1.1392		-0.0685			per contract			
Minimum (optional)	4250.00		813.45	0.00	0.0138		0.2300		-0.0685			per contract			
Rate XLT (cost based rate)	10500.00		2625.00	0.00	0.0138		0.5517		-0.0541			per contract			
Maximum (optional)	10500.00		2625.00	0.00	0.0138		0.9234		-0.0541			per contract			
Minimum (optional)	10500.00		2625.00	0.00	0.0138		0.1800		-0.0541			per contract			
Rate XXLT (cost based rate)	125000.00		31250.00	0.00	0.0138		0.1707		-0.0231			per contract			
Maximum (optional)	125000.00		31250.00	0.00	0.0138		0.9234		-0.0231			per contract			
Minimum (optional)	125000.00		31250.00	0.00	0.0138		0.0500		-0.0231			per contract			
EUT Exploratory Program					0.0069										
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge							10.0000								
Load Balancing Storage Charge							0.25/MMBtu								
Note 1: Effective January 2018, customers pay the IRM surcharge per U-20106. Changes each July 1st															
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed															
Note 3: Effective for bills rendered on and after July 1, 2018, customers will pay the EWR surcharge per Case No. U-18268.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019															
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed															
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round															
Note 7: TCJA Credit A effective July 1, 2018 per U-20106															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

MICHIGAN GAS UTILITIES CORP.									
									August 1, 2018
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	TCJA Surcharge		Total Vol Charge
		see note 2	see note 1	see note 3	see note 4		see note 6	see note 5	
(volumetric charges in \$/Ccf metered)									
RESIDENTIAL SERVICE (\$/month)									
							Tax Cut & Jobs Act Reduction Credit	Gas Costs From Utility	Reservation Charge
									GCR Factor
Sales									
Residential Service	13.00	0.000000	0.01441	0.000000	0.00790	0.15871	-0.01242	0.27100	0.06500
Gas Light Rate-Residential					0.00790	0.15871	-0.01242	0.27100	0.06500
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		-0.01242	From Others per contract	Reservation Charge 0.06500
(volumetric charges in \$/Mcf metered)									
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)									
								Gas Costs From Utility	Reservation Charge
									GCR Factor
Sales									
Small General Service	35.00	0.00000	4.13	0.000000	0.07900	1.58700	-0.07380	2.7100	0.6500
Large General Service	425.00	0.00000	154.06		0.07900	1.03220	-0.04080	2.7100	0.6500
GasLight Rate-Commercial			8.63		0.07900	1.58700	-0.07380	2.7100	0.6500
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				(see above)	From Others per contract	Reservation Charge 0.65000
	Customer Charge	UETM	EO Charge		On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
		see note 2							
Transportation (\$/mo)									
TR-1	850.00	0.00000	42.02		0.7777	0.6277	-0.02710		
TR-2	2,250.00	0.00000	152.35		0.4796	0.3296	-0.02280		
TR-3	3,050.00	0.00000	953.63		0.4651	0.3151	-0.02040		

Note 1: Effective for bills rendered on and after January 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated December 7, 2017 In Case No: U-18269

Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.

Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed

Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.

Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

August 1, 2018

		Customer Charge	Rider MRP Charge <small>see note 2</small>	EO Charge <small>see note 1</small>	Distribution Charge	TCJA Surcharge <small>see note 3</small>				Total Charge
RESIDENTIAL SERVICE		(\$/month)					(volumetric charges in \$/Therm metered)			
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.50	0.03474	0.17342	-0.01738	+(0.26485	+ 0.09275	=	0.35760)= 0.54838
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	-0.01738	+ From Others per contract	+ 0.09275		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/Dth metered)			
Sales							Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.31	2.3953	1.8203	-0.15090	+(2.64850	+ 0.9275	+ 3.5760	= 7.64070
	(>9 Dth)			0.0001	1.8203	-0.15090	2.64850	0.9275	+ 3.5760	= 5.24550
General Service (GS-2)	(0-9 Dth)	35.00	20.87	2.3953	1.3932	-0.10000	+(2.64850	+ 0.9275	+ 3.5760	= 7.26450
	(>9 Dth)			0.0001	1.3932	-0.10000	2.64850	0.9275	+ 3.5760	= 4.86930
General Service (GS-3)	(0-9 Dth)	105.00	98.91	2.3953	1.0985	-0.07690	+(2.64850	+ 0.9275	+ 3.5760	= 6.99290
	(>9 Dth)			0.0001	1.0985	-0.07690	2.64850	0.9275	+ 3.5760	= 4.59770
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	0.00000	+ From Others per contract	+ 0.92750		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	273.89	0.20522	75.00	-0.04700	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001		-0.04700		0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	-0.04210	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001		-0.04210		0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	-0.03180	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001		-0.03180		0.4031	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020; updated in Case U-20115 effective on and after July 1, 2018

Note 3: TCJA tax surcharge effective July 1, 2018 per U-20115

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)	
Sales			See note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09514	+ -0.00310	0.30190	= 0.3939
Seasonal	10.00	0.09514	+ -0.00310	0.30190	= 0.3939
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)	
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+ -0.03100	3.0190	= 3.8394
Small Seasonal	18.12	0.8514	+ -0.03100	3.0190	= 3.8394
Large	90.51	0.6214	+ -0.03100	3.0190	= 3.6094
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)	
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)	
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. includes EO surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)	
Sales				From Utility	
Residential Service (301)	11.00	0.22620	+ -0.0023	0.33632	= 0.5602
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)	
Sales				From Utility	
Firm (302)	27.83	1.5900	+ -0.1624	3.3632	= 4.7908
Firm (304)	193.16	1.5900	+ -0.1017	3.3632	= 4.8515
Interruptible (303)	75.00	0.6300	+ -0.1017	3.3632	= 3.8915
Transportation					
Firm	80.83	25.00	-0.1017	25.00	0.6300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective July 1, 2018 per U-20110; No surcharge for Presque Isle

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	2.9429	2.9429 /Mcf	<u>U-18411</u>
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	<u>U-18412</u>
Michigan Gas Utilities Corp	Increase	3.2850	3.7181 /Mcf	<u>U-18414</u>
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	<u>U-18489</u>
SEMCO Energy Gas Co	Unchanged	3.5760	3.5762 /Dth	<u>U-18417</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.8586	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	Unchanged	3.3632	3.3602 /Dth	<u>U-18415</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8699	2.5699	2.8573	/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600	2.8600	/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181	3.3750	3.2650	/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580	4.1580	/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.5760	3.5760	3.5760	/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	4.0811	3.9322	3.9322	4.1411	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3632	3.3632	/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.9429						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	2.8600						/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.2850						/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.1580						/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5760						/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8586						/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	3.3632						/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2018

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.44	0.29626	+ 0.29429	= 0.59055	\$71.50	-5%
DTE Gas Company	12.35	0.34518	+ 0.28600	= 0.63118	\$75.47	0%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.32850	= 0.50829	\$63.83	-15%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	28%
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.54838	+ 0.35760	= 0.90598	\$103.71	37%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09204	+ 0.38586	= 0.47790	\$52.79	-30%
Xcel Energy	11.00	0.19719	+ 0.33632	= 0.53351	\$64.35	-15%
AVERAGE RATE	11.27	0.29831	+ 0.34348	= 0.56156	\$75.45	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2018

	Customer Charge	LIEEF	IRM Surcharge	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	TCJA Surcharge	GCR Factor	Total Vol Charge
	see note 6	see note 4	see note 7	see note 2	see note 5	see note 3	see note 8			
	(\$/month)						(volumetric charges in \$/cfd)			
RESIDENTIAL SERVICE										
Sales									From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	-0.02206	0.29429	= 0.59055
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	-0.02206	0.29429	= 0.59055
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)										
Customer Choice									From Others	
alternative suppliers	11.75				0.02238		0.29594	(see above)	per contract	
									* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)						(volumetric charges in \$/Mcf)			
Sales									From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.3331	+ 0.00000	2.47630	-0.17000	2.9429	= 5.5823
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.3331	+ 0.00000	2.05710	-0.11830	2.9429	= 5.2148
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.3331	+ 0.00000	1.31320	-0.09100	2.9429	= 4.4982
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0111	+ 0.00000	1.31320	-0.09100	2.9429	= 4.1762
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)	(see above)	per contract	
Transportation							(volumetric charges in \$/Mcf)		From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.3331	0	1.0070	-0.0670	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.0111	0	1.0070	-0.0670	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.3331	0	0.8213	-0.0488	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.0111	0	0.8213	-0.0488	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.3331	0	0.6930	-0.0364	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.0111	0	0.6930	-0.0364	per contract	
XLT Remote Meter Charge	70.00	0.00				0		0.0000	per contract	
OTHER										
	(\$/luminaire)									
Outdoor Gas Light - Rate GL										
up to 2.5 CF/Hr	7.00						includes gas	0.0000		
2.6 to 4.5 CF/Hr	15.00						includes gas	0.0000		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

Note 8: TCJA tax surcharge effective July 1, 2018 per U-20103

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY											July 1, 2018	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	TCJA Credit A	GCR Factor	Total Charge		
RESIDENTIAL SERVICE	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4	See note 7				
			(\$/month)				(volumetric charges in \$/Ccf)					
Sales									From Utility			
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	1.10	0.00	0.01928 +	0.32707 +	0.02000 +	-0.02117	0.28600	= 0.63118		
Residential Multi Family Rate 2A Class 1	11.25	0.00	5.71	0.00 +	0.01368 +	0.32707 +	0.02000 +	-0.02117	0.28600	= 0.62558		
Residential Multi Family Rate 2A Class 2	31.00	0.00	5.71	0.00	0.01368 +	0.32707 +	0.02000 +	0.02117	0.28600	= 0.66792		
Customer Choice									From Others			
alternative suppliers	(see above)				(see above)		0.02000 +	(see above)	per contract			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales									From Utility			
Rate GS-1	31.00		3.88	0.00	0.1368 +	2.8473 +	0.20000 +	-0.1985	2.8600	= 5.8456		
Rate GS-2 (<100,000 Mcf)	590.00		3.88	0.00	0.1368 +	2.3682 +	0.20000 +	-0.1562	2.8600	= 5.4088		
Rate GS-2 (>100,000 Mcf)	590.00		3.88	0.00	0.0138 +	2.3682 +	0.20000 +	-0.1562	2.8600	= 5.2858		
Rate S	200.00	0.00	44.41	0.00	0.1368 +	1.9181 +	0.20000 +	-0.1616	2.8600	= 4.9533		
Customer Choice									From Others			
alternative suppliers	(see above)				(see above)			(see above)	per contract			
Transportation									From Others			
Rate ST (cost based rate)	2330.00		173.76	0.00	0.0138	0.9404		-0.1026	per contract			
Maximum (optional)	2330.00		173.76	0.00	0.0138	1.6508		-0.1026	per contract			
Minimum (optional)	2330.00		173.76	0.00	0.0138	0.2300		-0.1026	per contract			
Rate LT (cost based rate)	4250.00		813.45	0.00	0.0138	0.6846		-0.0685	per contract			
Maximum (optional)	4250.00		813.45	0.00	0.0138	1.1392		-0.0685	per contract			
Minimum (optional)	4250.00		813.45	0.00	0.0138	0.2300		-0.0685	per contract			
Rate XLT (cost based rate)	10500.00		2625.00	0.00	0.0138	0.5517		-0.0541	per contract			
Maximum (optional)	10500.00		2625.00	0.00	0.0138	0.9234		-0.0541	per contract			
Minimum (optional)	10500.00		2625.00	0.00	0.0138	0.1800		-0.0541	per contract			
Rate XXLT (cost based rate)	125000.00		31250.00	0.00	0.0138	0.1707		-0.0231	per contract			
Maximum (optional)	125000.00		31250.00	0.00	0.0138	0.9234		-0.0231	per contract			
Minimum (optional)	125000.00		31250.00	0.00	0.0138	0.0500		-0.0231	per contract			
EUT Exploratory Program					0.0069							
Rate XLT/XXLT-Remote Meter Charge	100.00											
Unauthorized Gas Usage Charge						10.0000						
Load Balancing Storage Charge						0.25/MMBtu						
Note 1: Effective January 2018, customers pay the IRM surcharge per U-20106. Changes each July 1st												
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed												
Note 3: Effective May 1, 2018 to December 31, 2018, customers will pay the EWR surcharge per Case No. U-17999.												
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019												
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed												
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round												
Note 7: TCJA Credit A effective July 1, 2018 per U-20106												
Rates at utilities.dteenergy.com (PDF version)												
My.dteenergy.com for understanding your bill												
Rates Reference:	see	Rate Books								for more details		



MICHIGAN GAS UTILITIES CORP.										July 1, 2018		
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	see note 5			TCJA Surcharge	Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4							
RESIDENTIAL SERVICE (\$/month)												
(volumetric charges in \$/Ccf metered)												
							Gas Costs From Utility	Reservation Charge	Tax Cut & Jobs Act Reduction Credit	GCR Factor		
Sales												
Residential Service	13.00	0.000000	0.01318	0.000000	0.00790	0.15871	+(0.26350	+ 0.06500	= -0.01242	0.32850	)= 0.50829
Gas Light Rate-Residential						0.15871	+(0.26350	+ 0.06500	= -0.01242	0.32850	)= 0.48721
<u>Customer Choice-Residential alternative suppliers</u> (see above)												
		0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge				
							+ per contract	+ 0.06500	= -0.01242			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)												
(volumetric charges in \$/Mcf metered)												
							Gas Costs From Utility	Reservation Charge		GCR Factor		
Sales												
Small General Service	35.00	0.000000	3.92	0.000000	0.07900	1.58700	+(2.6350	+ 0.6500	= -0.07380	3.2850	)= 4.95100
Large General Service	425.00	0.000000	77.55		0.07900	1.03220	+(2.6350	+ 0.6500	= -0.04080	3.2850	)= 4.39620
GasLight Rate-Commercial			3.68		0.07900	1.58700	+(2.6350	+ 0.6500	= -0.07380	3.2850	)= 4.95100
<u>Customer Choice-Comm. & Ind. alternative suppliers</u> (see above)												
			(see above)				From Others	Reservation Charge				
							+ per contract	+ 0.65000	= (see above)			
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2										
Transportation		\$/mo										
TR-1	850.00	0.000000	40.13			0.7777	0.6277	-0.02710				
TR-2	2,250.00	0.000000	137.19			0.4796	0.3296	-0.02280				
TR-3	3,050.00	0.000000	823.73			0.4651	0.3151	-0.02040				
I												
Note 1: Effective for bills rendered on and after January 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated December 7, 2017 In Case No: U-18269												
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.												
Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed												
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.												
Note 6: TCJA tax surcharge effective July 1, 2018 per U-20114												
Customer Attachment Program												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

SEMCO ENERGY GAS COMPANY

July 1, 2018

		Customer Charge	Rider MRP Charge see note 2	EO Charge see note 1	Distribution Charge			TCJA Surcharge see note 2		Total Charge
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge		GCR Factor	
Residential Service		11.50	1.61	0.03474	0.17342	+(0.26485	+ 0.09275	= -0.01738	0.35760	): 0.90598
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others per contract	+ 0.09275	= -0.01738		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge		GCR Factor	
General Service (GS-1) (0-9 Dth)		11.50	3.56	2.3953	1.8203	+(2.64850	+ 0.9275	+ -0.1509	3.5760	): 7.64070
	(>9 Dth)			0.0001	1.8203	2.64850	0.9275	-0.1509	3.5760	5.24550
General Service (GS-2) (0-9 Dth)		35.00	22.43	2.3953	1.3932	+(2.64850	+ 0.9275	+ -0.1000	3.5760	): 7.26450
	(>9 Dth)			0.0001	1.3932	2.64850	0.9275	-0.1000	3.5760	4.86930
General Service (GS-3) (0-9 Dth)		105.00	106.33	2.3953	1.0985	+(2.64850	+ 0.9275	+ -0.0769	3.5760	): 6.99290
	(>9 Dth)			0.0001	1.0985	2.64850	0.9275	-0.0769	3.5760	4.59770
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others per contract	+ 0.92750	= 0.00000		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth		Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1 (0-2500 Dth)		350.00	294.44	0.20522	75.00	per contract	0.9068	-0.0470	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	-0.0470	0.7568	0.0344
TR-2 (0-2500 Dth)		1590.00	500.00	0.20522	75.00	per contract	0.6279	-0.0421	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	-0.0421	0.4779	0.0344
TR-3 (0-2500 Dth)		7290.00	500.00	0.20522	75.00	per contract	0.4031	-0.0318	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	-0.0318	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.**Note 2:** Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020**Note 3:** TCJA tax surcharge effective July1, 2018 per U-20115Rates at semcoenergy.com[Customer Attachment Program](#)[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales			Gas note 2	From Utility	
Residential Service					
Year-Round	5.00	0.09514	+ -0.00310	0.38586	= 0.4779
Seasonal	10.00	0.09514	+ -0.00310	0.38586	= 0.4779
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+ -0.03100	3.8586	= 4.6790
Small Seasonal	18.12	0.8514	+ -0.03100	3.8586	= 4.6790
Large	90.51	0.6214	+ -0.03100	3.8586	= 4.4490
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	NO TCJA	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)		
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930	0.00000	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200	0.0000	4.1580	7.0780
Large	188.00	2.7570	0.0000	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	TCJA Surcharge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)					
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service	11.00	0.19950	+ -0.00231	0.33632	= 0.5335
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm (302)	27.83	1.5900	+ -0.1624	3.3632	= 4.7908
Firm (304)	193.16	1.5900	+ -0.1017	3.3632	= 4.8515
Interruptible (303)	75.00	0.6300	+ -0.1017	3.3632	= 3.8915
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	80.83	25.00	-0.1017	25.00	0.5283

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

Note 2: TCJA tax surcharge effective July 1, 2018 per U-20110; No surcharge for Presque Isle

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.8573	2.9429 /Mcf	<u>U-18411</u>
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	<u>U-18412</u>
Michigan Gas Utilities Corp	Decrease	3.2650	3.7181 /Mcf	<u>U-18414</u>
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	<u>U-18489</u>
SEMCO Energy Gas Co	Unchanged	3.5760	3.5762 /Dth	<u>U-18417</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	4.1411	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	Unchanged	3.3602	3.3602 /Dth	<u>U-18415</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8699	2.8573		/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600		/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.3750	3.2650		/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580		/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.5760	3.5760		/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	4.0811	3.9322	4.1411		/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602		/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2018

Calendar Year of GCR Factors

	Jul-18 \$/unit	Aug-18 \$/unit	Sep-18 \$/unit	Oct-18 \$/unit	Nov-18 \$/unit	Dec-18 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
(Rates set by local government regulation, not by the MPSC)							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2018

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	12.44	0.31832	+ 0.28573	= 0.60405	\$72.85	-5%
DTE Gas Company	11.60	0.36635	+ 0.28600	= 0.65235	\$76.84	0%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.32650	= 0.50629	\$63.63	-17%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	25%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.56576	+ 0.35760	= 0.92336	\$105.45	37%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09514	+ 0.41411	= 0.50925	\$55.93	-27%
Xcel Energy	11.00	0.22620	+ 0.33602	= 0.56222	\$67.22	-13%
AVERAGE RATE	11.16	0.31155	+ 0.34597	= 0.57533	\$76.92	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)					(volumetric charges in \$/ccf)		
Sales								From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.28573	= 0.60405
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.28573	= 0.60405
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02238		0.29594		
								per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/Mcf)		
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.3331	+ 0.00000	2.47630	2.8573	= 5.6667
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.3331	+ 0.00000	2.05710	2.8573	= 5.2475
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.3331	+ 0.00000	1.31320	2.8573	= 4.5036
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0111	+ 0.00000	1.31320	2.8573	= 4.1816
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation							(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.3331	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.0111	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.3331	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.0111	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.3331	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.0111	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER	(\$/luminaire)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261. Opt-Out Pilot not shown.

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									
June 1, 2018									
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4		
		(\$/month)				(volumetric charges in \$/Ccf)			
RESIDENTIAL SERVICE									
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.01928 +	0.32707 +	0.02000 +	0.28600 =	0.65235
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00 +	0.01368 +	0.32707 +	0.02000 +	0.28600 =	0.64675
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.01368 +	0.32707 +	0.02000 +	0.28600 =	0.64675
Customer Choice								From Others	
alternative suppliers (see above)						(see above)	+ 0.02000	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales								From Utility	
Rate GS-1	31.00		1.27	0.00	0.1368 +	2.8473 +	0.20000 +	2.8600 =	6.0441
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1368 +	2.3682 +	0.20000 +	2.8600 =	5.5650
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0138 +	2.3682 +	0.20000 +	2.8600 =	5.4420
Rate S	200.00	0.00	14.67	0.00	0.1368 +	1.9181 +	0.20000 +	2.8600 =	5.1149
Customer Choice								From Others	
alternative suppliers (see above)						(see above)		per contract	
Transportation								From Others	
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0138	0.9404		per contract	
Maximum (optional)	2330.00		57.46	0.00	0.0138	1.6508		per contract	
Minimum (optional)	2330.00		57.46	0.00	0.0138	0.2300		per contract	
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0138	0.6846		per contract	
Maximum (optional)	4250.00		269.07	0.00	0.0138	1.1392		per contract	
Minimum (optional)	4250.00		269.07	0.00	0.0138	0.2300		per contract	
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0138	0.5517		per contract	
Maximum (optional)	10500.00		1767.24	0.00	0.0138	0.9234		per contract	
Minimum (optional)	10500.00		1767.24	0.00	0.0138	0.1800		per contract	
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.0138	0.1707		per contract	
Maximum (optional)	125000.00		11002.00	0.00	0.0138	0.9234		per contract	
Minimum (optional)	125000.00		11002.00	0.00	0.0138	0.0500		per contract	
EUT Exploratory Program					0.0069				
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge						10.0000			
Load Balancing Storage Charge						0.25/MMBtu			
Note 1: Effective January 2018, customers pay the IRM surcharge per U-17999. Changes each July 1st Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed Note 3: Effective May 1, 2018 to December 31, 2018, customers will pay the EWR surcharge per Case No. U-17999. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019 Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference: see Rate Books for more details									

MICHIGAN GAS UTILITIES CORP.										June 1, 2018		
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge	see note 5				Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4		(volumetric charges in \$/Ccf metered)					
RESIDENTIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales												
Residential Service	13.00	0.000000	0.01318	0.000000	0.00790	0.15871	+(0.25565	+ 0.07085	= 0.32650	)=	0.50629
Gas Light Rate-Residential						0.15871	+(0.25565	+ 0.07085	= 0.32650	)=	0.48521
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge				
							+ per contract	+ 0.07085				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	35.00	0.00000	3.92	0.000000	0.07900	1.58700	+(2.5565	+ 0.7085	= 3.2650	)=	4.93100
Large General Service	425.00	0.00000	77.55		0.07900	1.03220	+(2.5565	+ 0.7085	= 3.2650	)=	4.37620
GasLight Rate-Commercial			3.68		0.07900	1.58700	+(2.5565	+ 0.7085	= 3.2650	)=	4.93100
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge				
							+ per contract	+ 0.70850				
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2										
Transportation		\$/mo										
TR-1	850.00	0.00000	40.13			0.7777	0.6277					
TR-2	2,250.00	0.00000	137.19			0.4796	0.3296					
TR-3	3,050.00	0.00000	823.73			0.4651	0.3151					
<p>Note 1: Effective for bills rendered on and after January 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated December 7, 2017 In Case No: U-18269</p> <p>Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.</p> <p>Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed</p> <p>Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.</p>												
<p>Customer Attachment Program</p> <p>Rates at michigangasutilities.com</p> <p>Understanding your bill at michigangasutilities.com</p> <p>Rate Books</p>												

SEMCO ENERGY GAS COMPANY

June 1, 2018

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE			(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.03474	0.17342	+(0.26485	+ 0.09275	= 0.35760	)=	0.92336
Customer Choice-Residential alternative suppliers		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.09275			
COMMERCIAL & INDUSTRIAL SERVICE							(volumetric charges in \$/Dth metered)			
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3953	1.8203	+(2.64850	+ 0.9275	+ 3.5760	)=	7.79160
	(>9 Dth)			0.0001	1.8203	2.64850	0.9275	3.5760		5.39640
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3953	1.3932	+(2.64850	+ 0.9275	+ 3.5760	)=	7.36450
	(>9 Dth)			0.0001	1.3932	2.64850	0.9275	3.5760		4.96930
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3953	1.0985	+(2.64850	+ 0.9275	+ 3.5760	)=	7.06980
	(>9 Dth)			0.0001	1.0985	2.64850	0.9275	3.5760		4.67460
Customer Choice-Comm. & Industrial alternative suppliers		(see above)			(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.92750			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.20522	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER										
Gas Light Service:	Gas light service customers are billed as unmetered GS-1 customers.									
Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.										
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020										
Rates at semcoenergy.com										
Customer Attachment Program										
Understanding your bill at semcoenergygas.com										
Rates Reference: see Rate Books for more details										

OTHER MICHIGAN-PSC REGULATED

June 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09514	+ 0.41411	= 0.5093
Seasonal	10.00	0.09514	+ 0.41411	= 0.5093
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.06	0.8514	+ 4.1411	= 4.9925
Small Seasonal	18.12	0.8514	+ 4.1411	= 4.9925
Large	90.51	0.6214	+ 4.1411	= 4.7625
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.42930	0.4158	0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	2.9200	4.1580	7.0780
Large	188.00	2.7570	4.1580	6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	11.00	0.22620	+ 0.33602	= 0.5622
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	27.83	1.5900	+ 3.3602	= 4.9502
Firm (304)	193.16	1.5900	+ 3.3602	= 4.9502
Interruptible (303)	75.00	0.6300	+ 3.3602	= 3.9902
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	80.83	25.00	25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.8699	2.9429 /Mcf	<u>U-18411</u>
DTE Gas Company	Unchanged	2.8600	2.8600 /Mcf	<u>U-18412</u>
Michigan Gas Utilities Corp	Unchanged	3.3750	3.7181 /Mcf	<u>U-18414</u>
Presque Isle E. & G. Coop.	Unchanged	4.1580	4.1580 /Mcf	<u>U-18489</u>
SEMCO Energy Gas Co	Unchanged	3.5760	3.5762 /Dth	<u>U-18417</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Unchanged	3.9322	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	Unchanged	3.3602	3.3602 /Dth	<u>U-18415</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8699	2.8699		/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600	2.8600		/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.3750	3.3750		/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580	4.1580		/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.5760	3.5760		/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	4.0811	3.9322	3.9322		/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602	3.3602		/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2018

Calendar Year of GCR Factors

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2018

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	12.44	0.31832	+ 0.28699	= 0.60531	\$72.97	2%
DTE Gas Company	11.60	0.36635	+ 0.28600	= 0.65235	\$76.84	7%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.33750	= 0.51729	\$64.73	-10%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	35%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20816	+ 0.35760	= 0.56576	\$69.69	-3%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09514	+ 0.39322	= 0.48836	\$53.84	-25%
Xcel Energy	11.00	0.22620	+ 0.33602	= 0.56222	\$67.22	-6%
AVERAGE RATE	11.16	0.26047	+ 0.34473	= 0.52955	\$71.68	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)				
Sales								From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.28699	= 0.60531
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.28699	= 0.60531
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02238		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)				
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.3331	+ 0.00000	2.47630	2.8699	= 5.6793
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.3331	+ 0.00000	2.05710	2.8699	= 5.2601
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.3331	+ 0.00000	1.31320	2.8699	= 4.5162
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0111	+ 0.00000	1.31320	2.8699	= 4.1942
Customer Choice								From Others	
alternative suppliers (see above)							(see above)	per contract	
Transportation					(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.3331	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.0111	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.3331	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.0111	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.3331	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.0111	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER	(\$/luminaire)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										May 1, 2018		
	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4		see note 5					
RESIDENTIAL SERVICE		(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	13.00	0.000000	0.01318	0.000000	0.00790	0.15871	+(0.26665	+ 0.07085	= 0.33750	)= 0.51729	
Gas Light Rate-Residential						0.15871	+(0.26665	+ 0.07085	= 0.33750	)= 0.49621	
Customer Choice-Residential alternative suppliers		(see above)	0.000000	(see above)	(see above)	N/A	From Others	Reservation Charge				
							+ per contract	+ 0.07085				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	35.00	0.00000	3.92	0.000000	0.07900	1.58700	+(2.6665	+ 0.7085	= 3.3750	)= 5.04100	
Large General Service	425.00	0.00000	77.55		0.07900	1.03220	+(2.6665	+ 0.7085	= 3.3750	)= 4.48620	
GasLight Rate-Commercial			3.68		0.07900	1.58700	+(2.6665	+ 0.7085	= 3.3750	)= 5.04100	
Customer Choice-Comm. & Ind. alternative suppliers		(see above)		(see above)			From Others	Reservation Charge				
							+ per contract	+ 0.70850				
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2										
Transportation		\$/mo										
TR-1	850.00	0.00000	40.13			0.7777	0.6277					
TR-2	2,250.00	0.00000	137.19			0.4796	0.3296					
TR-3	3,050.00	0.00000	823.73			0.4651	0.3151					
Note 1: Effective for bills rendered on and after January 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated December 7, 2017 In Case No: U-18269												
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.												
Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed												
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Note 5: Effective for service rendered for the April 2018 through March 2019 billing months in Case No: 18414.												
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books												

SEMCO ENERGY GAS COMPANY

May 1, 2018

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2		see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.61	0.03474	0.17342	+(0.26485	+ 0.09275	= 0.35760	)= 0.56576
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.09275		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3953	1.8203	+(2.64850	+ 0.9275	+ 3.5760	)= 7.79160
	(>9 Dth)			0.0001	1.8203	2.64850	0.9275	3.5760	5.39640
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3953	1.3932	+(2.64850	+ 0.9275	+ 3.5760	)= 7.36450
	(>9 Dth)			0.0001	1.3932	2.64850	0.9275	3.5760	4.96930
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3953	1.0985	+(2.64850	+ 0.9275	+ 3.5760	)= 7.06980
	(>9 Dth)			0.0001	1.0985	2.64850	0.9275	3.5760	4.67460
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.92750		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.20522	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor		Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service						
Year-Round	5.00	0.09514	+	0.39322	=	0.48836
Seasonal	10.00	0.09514	+	0.39322	=	0.48836
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm Comm. & Industrial						
Small	9.06	0.8514	+	3.9322	=	4.7836
Small Seasonal	18.12	0.8514	+	3.9322	=	4.7836
Large	90.51	0.6214	+	3.9322	=	4.5536
Rates Reference:	see	Rate Books		for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)				
Sales				From Utility		
Residential Service						
Year-Round	12.00	0.42930		0.4158		0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)				
Sales				From Utility		
Firm Comm & Industrial						
Small	17.00	2.9200		4.1580		7.0780
Large	188.00	2.7570		4.1580		6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor		Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service	11.00	0.22620	+	0.33602	=	0.56222
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm (302)	27.83	1.5900	+	3.3602	=	4.9502
Firm (304)	193.16	1.5900	+	3.3602	=	4.9502
Interruptible (303)	75.00	0.6300	+	3.3602	=	3.9902
	Customer Charge	Meter Charge		Admin Charge		Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)		\$/Dth
Firm	80.83	25.00		25.00		0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS	April 1, 2018
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	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	2.8617	2.9429 /Mcf	<u>U-18411</u>
DTE Gas Company	Decrease	2.8600	2.8600 /Mcf	<u>U-18412</u>
Michigan Gas Utilities Corp	Decrease	3.7181	3.7181 /Mcf	<u>U-18414</u>
Presque Isle E. & G. Coop.	Decrease	4.1580	4.1580 /Mcf	<u>U-18489</u>
SEMCO Energy Gas Co	Unchanged	3.4500	3.5762 /Dth	<u>U-18417</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Increase	3.4696	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	Decrease	3.3602	3.3602 /Dth	<u>U-18415</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204	2.8617			/Mcf
<u>-U-18411 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000	2.8600			/Mcf
<u>-U-18412 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941	3.7181			/Mcf
<u>-U-18414 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.1580			/Mcf
<u>-U-18489-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500	3.4500			/Dth
<u>-U-18417 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	4.0811	3.4696			/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364	3.3602			/Dth
<u>-U-18415 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2018

Calendar Year of GCR Factors

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2018

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	12.44	0.31832	+ 0.28617	= 0.60449	\$72.89	2%
DTE Gas Company	11.60	0.36175	+ 0.28600	= 0.64775	\$76.38	7%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.37181	= 0.55160	\$68.16	-4%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4158	= 0.84510	\$96.51	35%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20816	+ 0.34500	= 0.55316	\$68.43	-4%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09514	+ 0.34696	= 0.44210	\$49.21	-31%
Xcel Energy	11.00	0.22620	+ 0.33602	= 0.56222	\$67.22	-6%
AVERAGE RATE	11.16	0.25981	+ 0.34111	= 0.52580	\$71.26	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)				
Sales								From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.28617	= 0.60449
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.28617	= 0.60449
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02238		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)				
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.3331	+ 0.00000	2.47630	2.8617	= 5.6711
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.3331	+ 0.00000	2.05710	2.8617	= 5.2519
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.3331	+ 0.00000	1.31320	2.8617	= 4.5080
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0111	+ 0.00000	1.31320	2.8617	= 4.1860
Customer Choice								From Others	
alternative suppliers (see above)								per contract	
Transportation					(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.3331	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.0111	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.3331	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.0111	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.3331	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.0111	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER	(\$/luminaire)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18261

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										April 1, 2018				
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge					
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4							
RESIDENTIAL SERVICE										(\$/month)				
Sales										From Utility				
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.01468	+	0.32707	+	0.02000	+	0.28600	=	0.64775	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	+	0.01296	+	0.32707	+	0.02000	+	0.28600	=	0.64603
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.01296	+	0.32707	+	0.02000	+	0.28600	=	0.64603	
Customer Choice										From Others				
alternative suppliers	(see above)					(see above)	+	0.02000	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE										(\$/month)		(volumetric charges in \$/Mcf metered)		
Sales										From Utility				
Rate GS-1	31.00		1.27	0.00	0.1296	+	2.8473	+	0.20000	+	2.8600	=	6.0369	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1296	+	2.3682	+	0.20000	+	2.8600	=	5.5578	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0133	+	2.3682	+	0.20000	+	2.8600	=	5.4415	
Rate S	200.00	0.00	14.67	0.00	0.1296	+	1.9181	+	0.20000	+	2.8600	=	5.1077	
Customer Choice										From Others				
alternative suppliers	(see above)					(see above)				per contract				
Transportation										From Others				
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0133		0.9404			per contract				
Maximum (optional)	2330.00		57.46	0.00	0.0133		1.6508			per contract				
Minimum (optional)	2330.00		57.46	0.00	0.0133		0.2300			per contract				
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0133		0.6846			per contract				
Maximum (optional)	4250.00		269.07	0.00	0.0133		1.1392			per contract				
Minimum (optional)	4250.00		269.07	0.00	0.0133		0.2300			per contract				
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0133		0.5517			per contract				
Maximum (optional)	10500.00		1767.24	0.00	0.0133		0.9234			per contract				
Minimum (optional)	10500.00		1767.24	0.00	0.0133		0.1800			per contract				
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.0133		0.1707			per contract				
Maximum (optional)	125000.00		11002.00	0.00	0.0133		0.9234			per contract				
Minimum (optional)	125000.00		11002.00	0.00	0.0133		0.0500			per contract				
EUT Exploratory Program					0.0072									
Rate XLT/XXLT-Remote Meter Charge	25.00													
Unauthorized Gas Usage Charge							10.0000							
Load Balancing Storage Charge							0.25/MMBtu							
Note 1: Effective January 2018, customers pay the IRM surcharge per U-17999. Changes each July 1st														
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed														
Note 3: Effective January 1, 2018 to December 31, 2018, customers will pay the EWR surcharge.														
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-18412 for bills effective 1st bill cycle April 2018 thru last bill cycle March 2019														
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed														
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round														
Rates at utilities.dteenergy.com (PDF version)														
My.dteenergy.com for understanding your bill														
Rates Reference: see Rate Books for more details														

SEMCO ENERGY GAS COMPANY

April 1, 2018

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.61	0.03474	0.17342	+(0.26487	+ 0.08013	= 0.34500	)= 0.55316
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.08013		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3953	1.8203	+(2.64870	+ 0.8013	+ 3.4500	)= 7.66560
	(>9 Dth)			0.0001	1.8203	2.64870	0.8013	3.4500	5.27040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3953	1.3932	+(2.64870	+ 0.8013	+ 3.4500	)= 7.23850
	(>9 Dth)			0.0001	1.3932	2.64870	0.8013	3.4500	4.84330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3953	1.0985	+(2.64870	+ 0.8013	+ 3.4500	)= 6.94380
	(>9 Dth)			0.0001	1.0985	2.64870	0.8013	3.4500	4.54860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.80130		
Transportation		Customer Charge (\$/month)		Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.20522	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER									
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.							
Note 1:		Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.							
Note 2:		Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020							
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
Rates Reference: see		Rate Books for more details							

OTHER MICHIGAN-PSC REGULATED

April 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor		Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service						
Year-Round	5.00	0.09514	+	0.34696	=	0.44210
Seasonal	10.00	0.09514	+	0.34696	=	0.44210
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm Comm. & Industrial						
Small	9.06	0.8514	+	3.4696	=	4.3210
Small Seasonal	18.12	0.8514	+	3.4696	=	4.3210
Large	90.51	0.6214	+	3.4696	=	4.0910
Rates Reference:	see	Rate Books		for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)				
Sales				From Utility		
Residential Service						
Year-Round	12.00	0.42930		0.4158		0.8451
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)				
Sales				From Utility		
Firm Comm & Industrial						
Small	17.00	2.9200		4.1580		7.0780
Large	188.00	2.7570		4.1580		6.9150

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor		Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service	11.00	0.22620	+	0.33602	=	0.56222
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm (302)	27.83	1.5900	+	3.3602	=	4.9502
Firm (304)	193.16	1.5900	+	3.3602	=	4.9502
Interruptible (303)	75.00	0.6300	+	3.3602	=	3.9902
	Customer Charge	Meter Charge		Admin Charge		Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)		\$/Dth
Firm	80.83	25.00		25.00		0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increase	3.3204	3.4582	/Mcf U-18151
DTE Gas Company	Decrease	2.9000	3.1600	/Mcf U-18152
Michigan Gas Utilities Corp	Increase	4.0941	4.1507	/Mcf U-18154
Presque Isle E. & G. Coop.	Unchanged	4.7950	4.7950	/Mcf U-18156
SEMCO Energy Gas Co	Increase	3.4500	4.1943	/Dth U-18157
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	4.0811	4.2780	/Dth U-18400
Xcel Energy	Unchanged	4.2364	4.5830	/Dth U-18155

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403	3.3204				/Mcf
<u>-U-18151 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100	2.9000				/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941	4.0941				/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950				/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500	3.4500				/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576	4.0811				/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364	4.2364				/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2018

Calendar Year of GCR Factors

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2018

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	12.44	0.31832	+ 0.33204	= 0.65036	\$77.48	3%
DTE Gas Company	11.60	0.36375	+ 0.29000	= 0.65375	\$76.98	2%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.40941	= 0.58920	\$71.92	-5%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4795	= 0.90880	\$102.88	36%
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20816	+ 0.34500	= 0.55316	\$68.43	-9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09514	+ 0.40811	= 0.50325	\$55.33	-27%
Xcel Energy	11.00	0.22620	+ 0.42364	= 0.64984	\$75.98	1%
AVERAGE RATE	11.16	0.26009	+ 0.38396	= 0.56355	\$75.57	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)				
Sales								From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.33204	= 0.65036
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.33204	= 0.65036
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02238		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)				
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.3331	+ 0.00000	2.47630	3.3204	= 6.1298
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.3331	+ 0.00000	2.05710	3.3204	= 5.7106
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.3331	+ 0.00000	1.31320	3.3204	= 4.9667
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0111	+ 0.00000	1.31320	3.3204	= 4.6447
Customer Choice								From Others	
alternative suppliers (see above)							(see above)	per contract	
Transportation					(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.3331	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.0111	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.3331	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.0111	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.3331	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.0111	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER	(\$/luminaire)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18331

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										March 1, 2018	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge		
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4				
										(\$/month)	
RESIDENTIAL SERVICE											
Sales											From Utility
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.01468	+	0.32707	+	0.02200	+ 0.29000 = 0.65375	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	+	0.01296	+	0.32707	+	0.02200 + 0.29000 = 0.65203	
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.01296	+	0.32707	+	0.02200	+ 0.29000 = 0.65203	
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)	+	0.02200	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE										(\$/month)	(volumetric charges in \$/Mcf metered)
Sales											From Utility
Rate GS-1	31.00		1.27	0.00	0.1296	+	2.8473	+	0.22000	+ 2.9000 = 6.0969	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1296	+	2.3682	+	0.22000	+ 2.9000 = 5.6178	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0133	+	2.3682	+	0.22000	+ 2.9000 = 5.5015	
Rate S	200.00	0.00	14.67	0.00	0.1296	+	1.9181	+	0.22000	+ 2.9000 = 5.1677	
Customer Choice										From Others	
alternative suppliers	(see above)					(see above)				per contract	
Transportation										From Others	
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0133		0.9404			per contract	
Maximum (optional)	2330.00		57.46	0.00	0.0133		1.6508			per contract	
Minimum (optional)	2330.00		57.46	0.00	0.0133		0.2300			per contract	
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0133		0.6846			per contract	
Maximum (optional)	4250.00		269.07	0.00	0.0133		1.1392			per contract	
Minimum (optional)	4250.00		269.07	0.00	0.0133		0.2300			per contract	
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0133		0.5517			per contract	
Maximum (optional)	10500.00		1767.24	0.00	0.0133		0.9234			per contract	
Minimum (optional)	10500.00		1767.24	0.00	0.0133		0.1800			per contract	
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.0133		0.1707			per contract	
Maximum (optional)	125000.00		11002.00	0.00	0.0133		0.9234			per contract	
Minimum (optional)	125000.00		11002.00	0.00	0.0133		0.0500			per contract	
EUT Exploratory Program					0.0072						
Rate XLT/XXLT-Remote Meter Charge	25.00										
Unauthorized Gas Usage Charge							10.0000				
Load Balancing Storage Charge							0.25/MMBtu				
Note 1: Effective January 2018, customers pay the IRM surcharge per U-17999. Changes each July 1st											
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed											
Note 3: Effective January 1, 2018 to December 31, 2018, customers will pay the EWR surcharge.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 September 1, 2017.											
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed											
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.

March 1, 2018

	Customer Charge	UETM	EWR Surcharge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge
		see note 2	see note 1	see note 3	see note 4						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.000000	0.01318	0.000000	0.00790	0.15871	+(0.34500	+ 0.06441	= 0.40941	)= 0.58920	
Gas Light Rate-Residential						0.15871	+(0.34500	+ 0.06441	= 0.40941	)= 0.56812	
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge			
							+ per contract	+ 0.06441			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCR Factor		
Sales											
Small General Service	35.00	0.00000	3.92	0.000000	0.07900	1.58700	+(3.4500	+ 0.6441	= 4.0941	)= 5.76010	
Large General Service	425.00	0.00000	77.55		0.07900	1.03220	+(3.4500	+ 0.6441	= 4.0941	)= 5.20530	
GasLight Rate-Commercial			3.68		0.07900	1.58700	+(3.4500	+ 0.6441	= 4.0941	)= 5.76010	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge			
							+ per contract	+ 0.64410			
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
		see note 2									
Transportation		\$/mo									
TR-1	850.00	0.00000	40.13			0.7777	0.6277				
TR-2	2,250.00	0.00000	137.19			0.4796	0.3296				
TR-3	3,050.00	0.00000	823.73			0.4651	0.3151				

Note 1: Effective for bills rendered on and after January 1, 2018 Issued Under Authority of the Michigan Public Service Commission Order Dated December 7, 2017 In Case No: U-18269

Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.

Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051 - Removed

Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.

Customer Attachment Program

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rate Books

SEMCO ENERGY GAS COMPANY

March 1, 2018

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.61	0.03474	0.17342	+(0.28000	+ 0.06500	= 0.34500	)= 0.55316
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.06500		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3953	1.8203	+(2.80000	+ 0.6500	+ 3.4500	)= 7.66560
	(>9 Dth)			0.0001	1.8203	2.80000	0.6500	3.4500	5.27040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3953	1.3932	+(2.80000	+ 0.6500	+ 3.4500	)= 7.23850
	(>9 Dth)			0.0001	1.3932	2.80000	0.6500	3.4500	4.84330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3953	1.0985	+(2.80000	+ 0.6500	+ 3.4500	)= 6.94380
	(>9 Dth)			0.0001	1.0985	2.80000	0.6500	3.4500	4.54860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.65000		
Transportation		Customer Charge (\$/month)		Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.20522	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER									
Gas Light Service:		Gas light service customers are billed as unmetered GS-1 customers.							
Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.									
Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020									
Rates at semcoenergy.com									
Customer Attachment Program									
Understanding your bill at semcoenergygas.com									
Rates Reference: see		surcharges are in addition to rates above							
		Rate Books for more details							

OTHER MICHIGAN-PSC REGULATED

March 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09514	+	0.40811	= 0.50325
Seasonal	10.00	0.09514	+	0.40811	= 0.50325
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+	4.0811	= 4.9325
Small Seasonal	18.12	0.8514	+	4.0811	= 4.9325
Large	90.51	0.6214	+	4.0811	= 4.7025
Rates Reference:	see	Rate Books		for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930		0.4795	0.9088
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200		4.7950	7.7150
Large	188.00	2.7570		4.7950	7.5520

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	11.00	0.22620	+	0.42364	= 0.64984
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	27.83	1.5900	+	4.2364	= 5.8264
Firm (304)	193.16	1.5900	+	4.2364	= 5.8264
Interruptible (303)	75.00	0.6300	+	4.2364	= 4.8664
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.83	25.00		25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.0403	3.4582	/Mcf <u>U-18151</u>
DTE Gas Company	<i>Unchanged</i>	3.1100	3.1600	/Mcf <u>U-18152</u>
Michigan Gas Utilities Corp	<i>Decrease</i>	3.6941	4.1507	/Mcf <u>U-18154</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950	/Mcf <u>U-18156</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	3.3500	4.1943	/Dth <u>U-18157</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.5576	4.2780	/Dth <u>U-18400</u>
Xcel Energy	<i>Unchanged</i>	4.2364	4.5830	/Dth <u>U-18155</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
		(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *							
		(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company							
- As Currently Billed	3.0577	3.0403					/Mcf
<u>-U-18151 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100	3.1100					/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941	3.6941					/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950					/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500	3.3500					/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
		(Rates set by local government regulation, not by the MPSC)					
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850	3.5576					/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364	4.2364					/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2018

Calendar Year of GCR Factors

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2018

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	12.44	0.31832	+ 0.30403	= 0.62235	\$74.68	1%
DTE Gas Company	11.60	0.35475	+ 0.31100	= 0.66575	\$78.18	6%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.36941	= 0.54920	\$67.92	-8%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4795	= 0.90880	\$102.88	39%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20816	+ 0.33500	= 0.54316	\$67.43	-9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09514	+ 0.35576	= 0.45090	\$50.09	-32%
Xcel Energy	11.00	0.22620	+ 0.42364	= 0.64984	\$75.98	3%
AVERAGE RATE	11.16	0.25881	+ 0.36833	= 0.54875	\$73.88	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)				
Sales								From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.30403	= 0.62235
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02238	+ 0.00000	0.29594	0.30403	= 0.62235
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02238		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)				
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.3331	+ 0.00000	2.47630	3.0403	= 5.8497
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.3331	+ 0.00000	2.05710	3.0403	= 5.4305
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.3331	+ 0.00000	1.31320	3.0403	= 4.6866
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0111	+ 0.00000	1.31320	3.0403	= 4.3646
Customer Choice								From Others	
alternative suppliers (see above)								per contract	
Transportation					(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.3331	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.0111	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.3331	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.0111	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.3331	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.0111	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER	(\$/luminaire)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the February 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18331

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY											February 1, 2018	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge			
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4					
		(\$/month)										
RESIDENTIAL SERVICE												
Sales											From Utility	
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.01468	+	0.32707	+	0.01300	+ 0.31100 = 0.66575		
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	+	0.01296	+	0.32707	+	0.01300 + 0.31100 = 0.66403		
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.01296	+	0.32707	+	0.01300	+ 0.31100 = 0.66403		
Customer Choice											From Others	
alternative suppliers	(see above)					(see above)	+	0.01300	+	per contract		
COMMERCIAL & INDUSTRIAL SERVICE												
	(\$/month)						(volumetric charges in \$/Mcf metered)					
Sales											From Utility	
Rate GS-1	31.00		1.27	0.00	0.1296	+	2.8473	+	0.13000	+ 3.1100 = 6.2169		
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1296	+	2.3682	+	0.13000	+ 3.1100 = 5.7378		
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0133	+	2.3682	+	0.13000	+ 3.1100 = 5.6215		
Rate S	200.00	0.00	14.67	0.00	0.1296	+	1.9181	+	0.13000	+ 3.1100 = 5.2877		
Customer Choice											From Others	
alternative suppliers	(see above)					(see above)				per contract		
Transportation											From Others	
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0133		0.9404			per contract		
Maximum (optional)	2330.00		57.46	0.00	0.0133		1.6508			per contract		
Minimum (optional)	2330.00		57.46	0.00	0.0133		0.2300			per contract		
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0133		0.6846			per contract		
Maximum (optional)	4250.00		269.07	0.00	0.0133		1.1392			per contract		
Minimum (optional)	4250.00		269.07	0.00	0.0133		0.2300			per contract		
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0133		0.5517			per contract		
Maximum (optional)	10500.00		1767.24	0.00	0.0133		0.9234			per contract		
Minimum (optional)	10500.00		1767.24	0.00	0.0133		0.1800			per contract		
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.0133		0.1707			per contract		
Maximum (optional)	125000.00		11002.00	0.00	0.0133		0.9234			per contract		
Minimum (optional)	125000.00		11002.00	0.00	0.0133		0.0500			per contract		
EUT Exploratory Program					0.0072							
Rate XLT/XXLT-Remote Meter Charge	25.00											
Unauthorized Gas Usage Charge							10.0000					
Load Balancing Storage Charge							0.25/MMBtu					
Note 1: Effective January 2018, customers pay the IRM surcharge per U-17999. Changes each July 1st												
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed												
Note 3: Effective January 1, 2018 to December 31, 2018, customers will pay the EWR surcharge.												
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 September 1, 2017.												
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed												
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round												
Rates at utilities.dteenergy.com (PDF version)												
My.dteenergy.com for understanding your bill												
Rates Reference: see Rate Books for more details												

SEMCO ENERGY GAS COMPANY

February 1, 2018

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.61	0.03474	0.17342	+(0.26700	+ 0.06800	= 0.33500	)= 0.54316
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge		
						+ per contract	+ 0.06800		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3953	1.8203	+(2.67000	+ 0.6800	+ 3.3500	)= 7.56560
	(>9 Dth)			0.0001	1.8203	2.67000	0.6800	3.3500	5.17040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3953	1.3932	+(2.67000	+ 0.6800	+ 3.3500	)= 7.13850
	(>9 Dth)			0.0001	1.3932	2.67000	0.6800	3.3500	4.74330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3953	1.0985	+(2.67000	+ 0.6800	+ 3.3500	)= 6.84380
	(>9 Dth)			0.0001	1.0985	2.67000	0.6800	3.3500	4.44860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>						From Others	Balancing and Demand Charge		
						+ per contract	+ 0.68000		
Transportation		Customer Charge (\$/month)		Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.20522	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344

OTHER

Gas Light Service: Gas light service customers are billed as unmetered GS-1 customers.

Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824 until the earlier of new base rates or May 30, 2020

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09514	+	0.35576	= 0.45090
Seasonal	10.00	0.09514	+	0.35576	= 0.45090
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+	3.5576	= 4.4090
Small Seasonal	18.12	0.8514	+	3.5576	= 4.4090
Large	90.51	0.6214	+	3.5576	= 4.1790
Rates Reference:	see	Rate Books		for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930		0.4795	0.9088
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200		4.7950	7.7150
Large	188.00	2.7570		4.7950	7.5520

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	11.00	0.22620	+	0.42364	= 0.64984
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	27.83	1.5900	+	4.2364	= 5.8264
Firm (304)	193.16	1.5900	+	4.2364	= 5.8264
Interruptible (303)	75.00	0.6300	+	4.2364	= 4.8664
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.83	25.00		25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2018

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Decrease	3.0577	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	Decrease	3.1100	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	Decrease	3.7941	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	Unchanged	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	Decrease	3.3500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	Decrease	3.8850	4.2780 /Dth	<u>U-18400</u>
Xcel Energy	Decrease	4.2364	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2018

Calendar Year of GCR Factors

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
		(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *							
		(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company							
- As Currently Billed	3.0577						/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1100						/Mcf
<u>-U-18152 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.7941						/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950						/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.3500						/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
		(Rates set by local government regulation, not by the MPSC)					
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8850						/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.2364						/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2018

Calendar Year of GCR Factors

	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed							/Mcf
<u>-U-18152 - As Filed or as Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
<u>-U-18154 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed							/Mcf
<u>-U-18156-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed							/Dth
<u>-U-18157 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed							/Dth
<u>-U-18400 - As Filed or as Ordered</u>	4.2780	4.2780	4.2780	4.2780	4.2780	4.2780	/Dth
Xcel Energy							
- As Currently Billed							/Dth
<u>-U-18155 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth
* Rates set by local government regulation, not by MPSC.							

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2018

	Monthly Charge (\$/month)	Distribution Charge \$/Ccf	GCR Factor or Gas Charge \$/Ccf	Total Vol Charge \$/Ccf	100 Ccf or 100 Therm Bill \$	Compared to Average +/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	12.44	0.31751	+ 0.30577	= 0.62328	\$74.77	0%
DTE Gas Company	11.60	0.35275	+ 0.31100	= 0.66375	\$77.98	5%
Michigan Gas Utilities Corp	13.00	0.17979	+ 0.37941	= 0.55920	\$68.92	-7%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4795	= 0.90880	\$102.88	38%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20816	+ 0.33500	= 0.54316	\$67.43	-9%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09514	+ 0.38850	= 0.48364	\$53.36	-28%
Xcel Energy	11.00	0.22620	+ 0.42364	= 0.64984	\$75.98	2%
AVERAGE RATE	11.16	0.25841	+ 0.37469	= 0.55396	\$74.47	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2018

	Customer Charge	LIEEF see note 6	IRM Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE									
		(\$/month)			(volumetric charges in \$/ccf)				
Sales								From Utility	
Rate A	11.75	0.00	+ 0.69	+ 0.00	+ 0.02157	+ 0.00000	0.29594	0.30577	= 0.62328
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.69	+ 0.00	+ 0.02157	+ 0.00000	0.29594	0.30577	= 0.62328
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02157		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE									
		(\$/month)			(volumetric charges in \$/Mcf)				
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00	1.12	0.00	+ 0.02155	+ 0.00000	2.47630	3.0577	= 5.5556
General Service - Rate GS-2	49.00	0.00	9.03	0.00	+ 0.02155	+ 0.00000	2.05710	3.0577	= 5.1364
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00	49.95		+ 0.02155	+ 0.00000	1.31320	3.0577	= 4.3925
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00	49.95		+ 0.0007	+ 0.00000	1.31320	3.0577	= 4.3716
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation					(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00	26.14		0.2155	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00	26.14		0.007	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00	58.17		0.2155	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00	58.17		0.007	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00	211.35		0.2155	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00	211.35		0.007	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER		(\$/luminaire)							
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the January 2018 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-18331

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: IRM surcharge effective for the January 2018 Billing Month through the December 2018 Billing Month per U-18124

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									
January 1, 2018									
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge
	See note 6	See note 2	See note 1	See note 5	See note 3		See note 4		
RESIDENTIAL SERVICE									
(\$/month)									
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.01468	0.32707	0.01100	0.31100	0.66375
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	0.01296	0.32707	0.01100	0.31100	0.66203
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.01296	0.32707	0.01100	0.31100	0.66203
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)	0.01100		
COMMERCIAL & INDUSTRIAL SERVICE									
(\$/month)									
(volumetric charges in \$/Mcf metered)									
Sales								From Utility	
Rate GS-1	31.00		1.27	0.00	0.1296	2.8473	0.11000	3.1100	6.1969
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1296	2.3682	0.11000	3.1100	5.7178
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0133	2.3682	0.11000	3.1100	5.6015
Rate S	200.00	0.00	14.67	0.00	0.1296	1.9181	0.11000	3.1100	5.2677
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)			
Transportation								From Others	
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0133	0.9404			per contract
Maximum (optional)	2330.00		57.46	0.00	0.0133	1.6508			per contract
Minimum (optional)	2330.00		57.46	0.00	0.0133	0.2300			per contract
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0133	0.6846			per contract
Maximum (optional)	4250.00		269.07	0.00	0.0133	1.1392			per contract
Minimum (optional)	4250.00		269.07	0.00	0.0133	0.2300			per contract
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0133	0.5517			per contract
Maximum (optional)	10500.00		1767.24	0.00	0.0133	0.9234			per contract
Minimum (optional)	10500.00		1767.24	0.00	0.0133	0.1800			per contract
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.0133	0.1707			per contract
Maximum (optional)	125000.00		11002.00	0.00	0.0133	0.9234			per contract
Minimum (optional)	125000.00		11002.00	0.00	0.0133	0.0500			per contract
EUT Exploratory Program					0.0072				
Rate XLT/XXLT-Remote Meter Charge	25.00								
Unauthorized Gas Usage Charge						10.0000			
Load Balancing Storage Charge						0.25/MMBtu			
Note 1: Effective January 2018, customers pay the IRM surcharge per U-17999. Changes each July 1st									
Note 2: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026 - Removed									
Note 3: Effective January 1, 2018 to December 31, 2018, customers will pay the EWR surcharge.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 September 1, 2017.									
Note 5: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed									
Note 6: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books							for more details

SEMCO ENERGY GAS COMPANY

January 1, 2018

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.61	0.03474	0.17342	+(0.26300	+ 0.07200	= 0.33500	)= 0.54316
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
						+ per contract	+ 0.07200		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3953	1.8203	+(2.63000	+ 0.7200	+ 3.3500	)= 7.56560
	(>9 Dth)			0.0001	1.8203	2.63000	0.7200	3.3500	5.17040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3953	1.3932	+(2.63000	+ 0.7200	+ 3.3500	)= 7.13850
	(>9 Dth)			0.0001	1.3932	2.63000	0.7200	3.3500	4.74330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3953	1.0985	+(2.63000	+ 0.7200	+ 3.3500	)= 6.84380
	(>9 Dth)			0.0001	1.0985	2.63000	0.7200	3.3500	4.44860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>						+ From Others	+ Balancing and Demand Charge		
		(see above)			(see above)	+ per contract	+ 0.72000		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.20522	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.20522	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.20522	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER		(\$/month)							
Gas Light Service		7.00							

Note 1: Effective for bills rendered on and after January 1, 2018, customers will pay the Energy Waste Reduction (EWR) Surcharge pursuant to U-18270.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2018

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09514	+	0.38850	= 0.48364
Seasonal	10.00	0.09514	+	0.38850	= 0.48364
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.06	0.8514	+	3.8850	= 4.7364
Small Seasonal	18.12	0.8514	+	3.8850	= 4.7364
Large	90.51	0.6214	+	3.8850	= 4.5064
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930		0.4795	0.9088
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200		4.7950	7.7150
Large	188.00	2.7570		4.7950	7.5520

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	11.00	0.22620	+	0.42364	= 0.64984
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	27.83	1.5900	+	4.2364	= 5.8264
Firm (304)	193.16	1.5900	+	4.2364	= 5.8264
Interruptible (303)	75.00	0.6300	+	4.2364	= 4.8664
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.83	25.00		25.00	0.6300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18334. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.1168	3.4582 /Mcf	U-17943
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.8241	4.1507 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.4900	4.1943 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	4.0322	4.2780 /Dth	U-18400
Xcel Energy	<i>Unchanged</i>	4.4255	4.5830 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.1634	3.1086	3.1023	3.1699	3.1261	3.1168	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.1507	4.1507	3.7941	3.7941	3.8241	3.8241	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1500	4.1500	4.1500	3.9900	3.9900	3.4900	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
Upper Michigan Energy Resources Corp							
- As Currently Billed	3.8929	3.8929	3.8929	3.8929	4.0242	4.0322	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	3.8929	3.8929	3.8929	3.8929	4.3134	4.2780	/Dth
Xcel Energy							
- As Currently Billed	4.4885	4.4885	4.4885	4.4255	4.4255	4.4255	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.23	0.31722	+ 0.31168	= 0.62890	\$74.12	-1%
DTE Gas Company	10.54	0.35257	+ 0.31600	= 0.66857	\$77.40	4%
Michigan Gas Utilities Corp	13.00	0.18123	+ 0.38241	= 0.56364	\$69.36	-7%
Presque Isle E. & G. Coop.	12.00	0.4293	+ 0.4795	= 0.90880	\$102.88	38%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20453	+ 0.34900	= 0.55353	\$68.46	-8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09104	+ 0.40322	= 0.49426	\$54.43	-27%
Xcel Energy	11.00	0.20470	+ 0.44255	= 0.64725	\$75.73	1%
AVERAGE RATE	10.84	0.25437	+ 0.38348	= 0.55812	\$74.63	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2017

	Customer Charge	LIEEF see note 6	IRI Residual Balance Recon Surcharge see note 4	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)				
Sales								From Utility	
Rate A	11.75	0.00	+ 0.00	+ -0.52	+ 0.02128	+ 0.00000	0.29594	0.31168	= 0.62890
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	+ -3.88	+ 0.02128	+ 0.00000	0.29594	0.31168	= 0.62890
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02128		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)				
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00		1.03	+ 0.0208	+ 0.00000	2.47630	3.1168	= 5.6139
General Service - Rate GS-2	49.00	0.00		5.35	+ 0.0208	+ 0.00000	2.05710	3.1168	= 5.1947
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00			+ 0.0208	+ 0.00000	1.31320	3.1168	= 4.4508
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00			+ 0.00069	+ 0.00000	1.31320	3.1168	= 4.4307
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation					(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00			0.208	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00			0.0069	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00			0.208	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00			0.0069	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00			0.208	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00			0.0069	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER	(\$/luminaire)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2017 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: Interim Rate Increase Residual Balance Reconciliation Surcharge effective for the November 2017 billing month per U-18136 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the December 2017 billing month

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										December 1, 2017		
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EWR Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge			
	See note 6	See note 1	See note 7	See note 3			See note 4					
										(\$/month)		
RESIDENTIAL SERVICE												
Sales												
Residential Service - Rate A (old 2) (Note 2)	11.25	-1.06	0.35	0.00	0.01450	+	0.32707	+	0.01100	+	0.31600 = 0.66857	
Residential Multi Family Rate 2A Class 1	11.25	-5.02	1.87	0.00	+	0.01326	+	0.32707	+	0.01100	+	0.31600 = 0.66733
Residential Multi Family Rate 2A Class 2	31.00	18.36	1.87	0.00	0.01326	+	0.32707	+	0.01100	+	0.31600 = 0.66733	
Customer Choice										From Utility		
alternative suppliers	(see above)					(see above)	+	0.01100	+	per contract		
COMMERCIAL & INDUSTRIAL SERVICE												
										(\$/month)		
										(volumetric charges in \$/Mcf metered)		
Sales												
Rate GS-1	31.00		1.27	0.00	0.1326	+	2.8473	+	0.11000	+	3.1600 = 6.2499	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1326	+	2.3682	+	0.11000	+	3.1600 = 5.7708	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0141	+	2.3682	+	0.11000	+	3.1600 = 5.6523	
Rate S	200.00	-90.62	14.67	0.00	0.1326	+	1.9181	+	0.11000	+	3.1600 = 5.3207	
Customer Choice										From Utility		
alternative suppliers	(see above)					(see above)				per contract		
Transportation												
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0141		0.9404			per contract		
Maximum (optional)	2330.00		57.46	0.00	0.0141		1.6508			per contract		
Minimum (optional)	2330.00		57.46	0.00	0.0141		0.2300			per contract		
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0141		0.6846			per contract		
Maximum (optional)	4250.00		269.07	0.00	0.0141		1.1392			per contract		
Minimum (optional)	4250.00		269.07	0.00	0.0141		0.2300			per contract		
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0141		0.5517			per contract		
Maximum (optional)	10500.00		1767.24	0.00	0.0141		0.9234			per contract		
Minimum (optional)	10500.00		1767.24	0.00	0.0141		0.1800			per contract		
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.0141		0.1707			per contract		
Maximum (optional)	125000.00		11002.00	0.00	0.0141		0.9234			per contract		
Minimum (optional)	125000.00		11002.00	0.00	0.0141		0.0500			per contract		
EUT Exploratory Program					0.008							
Rate XLT/XXLT-Remote Meter Charge	25.00											
Unauthorized Gas Usage Charge							10.0000					
Load Balancing Storage Charge							0.25/MMBtu					
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st												
Note 2: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round												
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.												
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131												
Note 6: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026												
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED												
Rates at utilities.dteenergy.com (PDF version)												
My.dteenergy.com for understanding your bill												
Rates Reference: see Rate Books for more details												

SEMCO ENERGY GAS COMPANY

December 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	1.61	0.03111	0.17342	+(-0.42100	+ 0.77000	= 0.34900	)= 0.55353
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
						+ per contract	+ 0.77000		
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)			
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.2729	1.8203	+(-4.21000	+ 7.7000	+ 3.4900	)= 7.58320
	(>9 Dth)			0.0001	1.8203	-4.21000	7.7000	3.4900	5.31040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.2729	1.3932	+(-4.21000	+ 7.7000	+ 3.4900	)= 7.15610
	(>9 Dth)			0.0001	1.3932	-4.21000	7.7000	3.4900	4.88330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.2729	1.0985	+(-4.21000	+ 7.7000	+ 3.4900	)= 6.86140
	(>9 Dth)			0.0001	1.0985	-4.21000	7.7000	3.4900	4.58860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>			(see above)		(see above)	+ From Others	+ Balancing and Demand Charge		
						+ per contract	+ 7.70000		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.1662	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.1662	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.1662	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER		(\$/month)							
Gas Light Service		7.00							

Note 1: Effective for bills rendered on and after September 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18340.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09104	+	0.40322	= 0.49426
Seasonal	10.00	0.09104	+	0.40322	= 0.49426
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	8.42	0.8514	+	4.0322	= 4.8836
Small Seasonal	16.84	0.8514	+	4.0322	= 4.8836
Large	88.98	0.6214	+	4.0322	= 4.6536
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.42930		0.4795	0.9088
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.9200		4.7950	7.7150
Large	188.00	2.7570		4.7950	7.5520

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	11.00	0.20470	+	0.44255	= 0.64725
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	27.83	1.4400	+	4.4255	= 5.8655
Firm (304)	193.16	1.4400	+	4.4255	= 5.8655
Interruptible (303)	75.00	0.5600	+	4.4255	= 4.9855
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.83	25.00		25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.1261	3.4582 /Mcf	U-17943
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.8241	4.1507 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.9900	4.1943 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Unchanged</i>	4.0242	4.3134 /Dth	U-18400
Xcel Energy	<i>Unchanged</i>	4.4255	4.5830 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.1634	3.1086	3.1023	3.1699	3.1261	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company						
- As Currently Billed	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.1507	4.1507	3.7941	3.7941	3.8241	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1500	4.1500	4.1500	3.9900	3.9900	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.8929	3.8929	3.8929	3.8929	4.0242	/Dth
<u>-U-18400 - As Filed or as Ordered</u>	3.8929	3.8929	3.8929	3.8929	4.3134	/Dth
Xcel Energy						
- As Currently Billed	4.4885	4.4885	4.4885	4.4255	4.4255	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830	4.5830	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.64	0.31722	+ 0.31261	= 0.62983	\$73.62	-1%
DTE Gas Company	10.54	0.35257	+ 0.31600	= 0.66857	\$77.40	4%
Michigan Gas Utilities Corp	13.00	0.18123	+ 0.38241	= 0.56364	\$69.36	-7%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	31%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20453	+ 0.39900	= 0.60353	\$73.46	-1%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09104	+ 0.40242	= 0.49346	\$54.35	-27%
Xcel Energy	11.00	0.20470	+ 0.44255	= 0.64725	\$75.73	2%
AVERAGE RATE	10.76	0.24650	+ 0.39064	= 0.55750	\$74.47	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2017

	Customer Charge	LIEEF	IRI Residual Balance Recon Surcharge	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 6	see note 4	see note 7	see note 2	see note 5	see note 3		
RESIDENTIAL SERVICE		(\$/month)					(volumetric charges in \$/ccf)		
Sales								From Utility	
Rate A	11.75	0.00	+ -1.11	+ 0.00	+ 0.02128	+ 0.00000	0.29594	0.31261	= 0.62983
Rate A-1 Residential Multi-Family	11.75	0.00	+ -3.58	+ 0.00	+ 0.02128	+ 0.00000	0.29594	0.31261	= 0.62983
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice								From Others	
alternative suppliers	11.75				0.02128		0.29594	per contract	
								* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/Mcf)		
Sales								From Utility	
General Service - Rate GS-1	14.00	0.00		0.00	+ 0.0208	+ 0.00000	2.47630	3.1261	= 5.6232
General Service - Rate GS-2	49.00	0.00		0.00	+ 0.0208	+ 0.00000	2.05710	3.1261	= 5.2040
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00			+ 0.0208	+ 0.00000	1.31320	3.1261	= 4.4601
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00			+ 0.00069	+ 0.00000	1.31320	3.1261	= 4.4400
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation							(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00			0.208	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00			0.0069	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00			0.208	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00			0.0069	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00			0.208	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00			0.0069	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00				0		per contract	
OTHER		(\$/luminaire)							
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00						includes gas		
2.6 to 4.5 CF/Hr	15.00						includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2017 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: Interim Rate Increase Residual Balance Reconciliation Surcharge effective for the November 2017 billing month per U-18136

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										November 1, 2017	
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
		See note 5	See note 1	see note 6	see note 3		see note 4				
		(\$/month)									
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	11.25	-1.06	0.35	0.00	0.01450	+	0.32707	+ 0.01100	0.31600 = 0.66857		
Residential Multi Family Rate 2A Class 1	11.25	-5.02	1.87	0.00	+	0.01326	+ 0.32707	+ 0.01100	+ 0.31600 = 0.66733		
Residential Multi Family Rate 2A Class 2	31.00	18.36	1.87	0.00	0.01326	+	0.32707	+ 0.01100	+ 0.31600 = 0.66733		
Customer Choice											
alternative suppliers	(see above)					(see above)	+ 0.01100	per contract			
COMMERCIAL & INDUSTRIAL SERVICE											
		(\$/month)					(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	31.00		1.27	0.00	0.1326	+	2.8473	+ 0.11000	+ 3.1600 = 6.2499		
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1326	+	2.3682	+ 0.11000	+ 3.1600 = 5.7708		
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0141	+	2.3682	+ 0.11000	+ 3.1600 = 5.6523		
Rate S	200.00	-90.62	14.67	0.00	0.1326	+	1.9181	+ 0.11000	+ 3.1600 = 5.3207		
Customer Choice											
alternative suppliers	(see above)					(see above)		per contract			
Transportation											
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0141		0.9404	per contract			
Maximum (optional)	2330.00		57.46	0.00	0.0141		1.6508	per contract			
Minimum (optional)	2330.00		57.46	0.00	0.0141		0.2300	per contract			
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0141		0.8846	per contract			
Maximum (optional)	4250.00		269.07	0.00	0.0141		1.1392	per contract			
Minimum (optional)	4250.00		269.07	0.00	0.0141		0.2300	per contract			
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0141		0.5517	per contract			
Maximum (optional)	10500.00		1767.24	0.00	0.0141		0.9234	per contract			
Minimum (optional)	10500.00		1767.24	0.00	0.0141		0.1800	per contract			
Rate XXLTL (cost based rate)	125000.00		11002.00	0.00	0.0141		0.1707	per contract			
Maximum (optional)	125000.00		11002.00	0.00	0.0141		0.9234	per contract			
Minimum (optional)	125000.00		11002.00	0.00	0.0141		0.0500	per contract			
EUT Exploratory Program					0.008						
Rate XLT/XXLT-Remote Meter Charge	25.00										
Unauthorized Gas Usage Charge							10.0000				
Load Balancing Storage Charge							0.25/MMBtu				
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st											
Note 2: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round											
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131											
Note 5: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026											
Note 6: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

SEMCO ENERGY GAS COMPANY

November 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.03111	0.17342	+(-0.38100	+ 0.78000	= 0.39900	)= 0.60353	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.78000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.2729	1.8203	+(-3.81000	+ 7.8000	+ 3.9900	)= 8.08320	
	(>9 Dth)			0.0001	1.8203	-3.81000	7.8000	3.9900	= 5.81040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.2729	1.3932	+(-3.81000	+ 7.8000	+ 3.9900	)= 7.65610	
	(>9 Dth)			0.0001	1.3932	-3.81000	7.8000	3.9900	= 5.38330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.2729	1.0985	+(-3.81000	+ 7.8000	+ 3.9900	)= 7.36140	
	(>9 Dth)			0.0001	1.0985	-3.81000	7.8000	3.9900	= 5.08860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 7.80000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.1662	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.1662	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.1662	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after September 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18340.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09104	+	0.40242 = 0.49346
Seasonal	10.00	0.09104	+	0.40242 = 0.49346
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	8.42	0.8514	+	4.0242 = 4.8756
Small Seasonal	16.84	0.8514	+	4.0242 = 4.8756
Large	88.98	0.6214	+	4.0242 = 4.6456
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.37424	0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	2.5629	4.7950	7.3579
Large	188.00	1.9383	4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	11.00	0.20470	+	0.44255 = 0.64725
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	27.83	1.4400	+	4.4255 = 5.8655
Firm (304)	193.16	1.4400	+	4.4255 = 5.8655
Interruptible (303)	75.00	0.5600	+	4.4255 = 4.9855
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.83	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.1699	3.4582 /Mcf	U-17943
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.7941	4.1507 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.9900	4.1943 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Unchanged</i>	3.8929	3.8929 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	4.4255	4.5830 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.1634	3.1086	3.1023	3.1699		/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582	3.4582		/Mcf
DTE Gas Company						
- As Currently Billed	3.1600	3.1600	3.1600	3.1600		/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	3.1600	3.1600	3.1600	3.1600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.1507	4.1507	3.7941	3.7941		/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507	4.1507		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.7950	4.7950	4.7950	4.7950		/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.7950	4.7950	4.7950	4.7950		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1500	4.1500	4.1500	3.9900		/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943	4.1943		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.8929	3.8929	3.8929	3.8929		/Dth
<u>-U-17279 - As Filed or as Ordered</u>	3.8929	3.8929	3.8929	3.8929		/Dth
Xcel Energy						
- As Currently Billed	4.4885	4.4885	4.4885	4.4255		/Dth
<u>-U-17335 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830	4.5830		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.31722	+ 0.31699	= 0.63421	\$75.17	1%
DTE Gas Company	10.54	0.34157	+ 0.31600	= 0.65757	\$76.30	3%
Michigan Gas Utilities Corp	13.00	0.18497	+ 0.37941	= 0.56438	\$69.44	-7%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	31%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20453	+ 0.39900	= 0.60353	\$73.46	-1%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09104	+ 0.38929	= 0.48033	\$53.03	-29%
Xcel Energy	11.00	0.20470	+ 0.44255	= 0.64725	\$75.73	2%
AVERAGE RATE	10.91	0.24547	+ 0.38896	= 0.55513	\$74.36	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3 (volumetric charges in \$/ccf)	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales							From Utility	
Rate A	11.75	0.00	+ 0.00	+ 0.02128	+ 0.00000	0.29594	0.31699	= 0.63421
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	+ 0.02128	+ 0.00000	0.29594	0.31699	= 0.63421
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice							From Others	
alternative suppliers	11.75			0.02128		0.29594	per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
Sales							From Utility	
General Service - Rate GS-1	14.00	0.00	0.00	+ 0.0208	+ 0.00000	2.47630	3.1699	= 5.6670
General Service - Rate GS-2	49.00	0.00	0.00	+ 0.0208	+ 0.00000	2.05710	3.1699	= 5.2478
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00		+ 0.0208	+ 0.00000	1.31320	3.1699	= 4.5039
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00		+ 0.00069	+ 0.00000	1.31320	3.1699	= 4.4838
Customer Choice							From Others	
alternative suppliers (see above)						(see above)	per contract	
Transportation						(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00		0.208	0	1.0070	per contract	
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00		0.0069	0	1.0070	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00		0.208	0	0.8213	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00		0.0069	0	0.8213	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00		0.208	0	0.6930	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00		0.0069	0	0.6930	per contract	
XLT Remote Meter Charge	70.00	0.00			0		per contract	
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	7.00						includes gas	
2.6 to 4.5 CF/Hr	15.00						includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after the August 2017 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: New rates effective on and after August 7, 2017 per U-18124

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										October 1, 2017					
	Customer Charge	RDM Surcharge	IRM Surcharge	LIEEF Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge						
	See note 2	See note 5	See note 1	see note 6	see note 3		see note 4								
										(\$/month)					
RESIDENTIAL SERVICE															
Sales															
										From Utility					
Residential Service - Rate A (old 2) (Note 2)	11.25	-1.06	0.35	0.00	0.01450	+	0.32707	+	0.00000	+	0.31600	=	0.65757		
Residential Multi Family Rate 2A Class 1	11.25	-5.02	1.87	0.00	+	0.01326	+	0.32707	+	0.00000	+	0.31600	=	0.65633	
Residential Multi Family Rate 2A Class 2	31.00	18.36	1.87	0.00	0.01326	+	0.32707	+	0.00000	+	0.31600	=	0.65633		
										From Others					
Customer Choice															
alternative suppliers	(see above)					(see above)	+	0.00000	+		per contract				
COMMERCIAL & INDUSTRIAL SERVICE												(\$/month)		(volumetric charges in \$/Mcf metered)	
										From Utility					
Rate GS-1	31.00		1.27	0.00	0.1326	+	2.8473	+	0.00000	+	3.1600	=	6.1399		
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.1326	+	2.3682	+	0.00000	+	3.1600	=	5.6608		
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.0141	+	2.3682	+	0.00000	+	3.1600	=	5.5423		
Rate S	200.00	-90.62	14.67	0.00	0.1326	+	1.9181	+	0.00000	+	3.1600	=	5.2107		
										From Others					
Customer Choice						(see above)					per contract				
alternative suppliers	(see above)										per contract				
Transportation												From Others			
Rate ST (cost based rate)	2330.00		57.46	0.00	0.0141		0.9404				per contract				
Maximum (optional)	2330.00		57.46	0.00	0.0141		1.6508				per contract				
Minimum (optional)	2330.00		57.46	0.00	0.0141		0.2300				per contract				
Rate LT (cost based rate)	4250.00		269.07	0.00	0.0141		0.8846				per contract				
Maximum (optional)	4250.00		269.07	0.00	0.0141		1.1392				per contract				
Minimum (optional)	4250.00		269.07	0.00	0.0141		0.2300				per contract				
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.0141		0.5517				per contract				
Maximum (optional)	10500.00		1767.24	0.00	0.0141		0.9234				per contract				
Minimum (optional)	10500.00		1767.24	0.00	0.0141		0.1800				per contract				
Rate XXL (cost based rate)	125000.00		11002.00	0.00	0.0141		0.1707				per contract				
Maximum (optional)	125000.00		11002.00	0.00	0.0141		0.9234				per contract				
Minimum (optional)	125000.00		11002.00	0.00	0.0141		0.0500				per contract				
EUT Exploratory Program					0.008										
Rate XLT/XXLT-Remote Meter Charge	25.00														
Unauthorized Gas Usage Charge							10.0000								
Load Balancing Storage Charge							0.25/MMBtu								
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$11.25 credit per month year round															
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: RDM credit/surcharge effective October 1 - December 31, 2017 per U-18026															
Note 6: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

October 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
		see note 2		see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.03111	0.17342	+(-0.39100	+ 0.79000	= 0.39900	)=	0.60353
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						per contract		0.79000		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.2729	1.8203	+(-3.91000	+ 7.9000	+ 3.9900	)=	8.08320
	(>9 Dth)			0.0001	1.8203	-3.91000	7.9000	3.9900		5.81040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.2729	1.3932	+(-3.91000	+ 7.9000	+ 3.9900	)=	7.65610
	(>9 Dth)			0.0001	1.3932	-3.91000	7.9000	3.9900		5.38330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.2729	1.0985	+(-3.91000	+ 7.9000	+ 3.9900	)=	7.36140
	(>9 Dth)			0.0001	1.0985	-3.91000	7.9000	3.9900		5.08860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)		(see above)		+ From Others	+ Balancing and Demand Charge			
						per contract		7.90000		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.1662	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.1662	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.1662	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after September 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18340.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EWR surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09104	+ 0.38929	= 0.48033
Seasonal	10.00	0.09104	+ 0.38929	= 0.48033
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	8.42	0.8514	+ 3.8929	= 4.7443
Small Seasonal	16.84	0.8514	+ 3.8929	= 4.7443
Large	88.98	0.6214	+ 3.8929	= 4.5143
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.37424	0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	2.5629	4.7950	7.3579
Large	188.00	1.9383	4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	11.00	0.20470	+ 0.44255	= 0.64725
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	27.83	1.4400	+ 4.4255	= 5.8655
Firm (304)	193.16	1.4400	+ 4.4255	= 5.8655
Interruptible (303)	75.00	0.5600	+ 4.4255	= 4.9855
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.83	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.1023	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Decrease</i>	3.7941	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	4.1500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Unchanged</i>	3.8929	3.8929 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.4885	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2017

Calendar Year of GCR Factors

	Jul-17 \$/unit	Aug-17 \$/unit	Sep-17 \$/unit	Oct-17 \$/unit	Nov-17 \$/unit	Dec-17 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.1634	3.1086	3.1023			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582	3.4582			/Mcf
DTE Gas Company						
- As Currently Billed	3.1600	3.1600	3.1600			/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.1600	3.1600	3.1600			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.1507	4.1507	3.7941			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.1507	4.1507	4.1507			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.7950	4.7950	4.7950			/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.7950	4.7950	4.7950			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1500	4.1500	4.1500			/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.1943	4.1943	4.1943			/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.8929	3.8929	3.8929			/Dth
<u>-U-17279 - As Filed or as Ordered</u>	3.8929	3.8929	3.8929			/Dth
Xcel Energy						
- As Currently Billed	4.4885	4.4885	4.4885			/Dth
<u>-U-17335 - As Filed or as Ordered</u>	4.5830	4.5830	4.5830			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.31722	+ 0.31023	= 0.62745	\$74.50	0%
DTE Gas Company	11.49	0.34157	+ 0.31600	= 0.65757	\$77.25	3%
Michigan Gas Utilities Corp	13.00	0.18497	+ 0.37941	= 0.56438	\$69.44	-7%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	30%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20453	+ 0.41500	= 0.61953	\$75.06	0%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.38929	= 0.48923	\$53.92	-28%
Xcel Energy	11.00	0.20470	+ 0.44885	= 0.65355	\$76.36	2%
AVERAGE RATE	11.05	0.24674	+ 0.39118	= 0.55818	\$74.84	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY									
September 1, 2017									
	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge	
(volumetric charges in \$/ccf)									
RESIDENTIAL SERVICE									
Sales									
Rate A	11.75	0.00	+	0.00	+	0.02128	+	0.00000	0.29594
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.02128	+	0.00000	0.29594
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)									
Customer Choice									From Utility
alternative suppliers	11.75			0.02128		0.29594			0.31023 = 0.62745
* including EO Surcharge (Note 2)									
COMMERCIAL & INDUSTRIAL SERVICE									
Sales									
General Service - Rate GS-1	14.00	0.00	0.00	+	0.0208	+	0.00000	2.47630	3.1023 = 5.5994
General Service - Rate GS-2	49.00	0.00	0.00	+	0.0208	+	0.00000	2.05710	3.1023 = 5.1802
General Service - Rate GS-3 (0-100,000 Year)	669.00	0.00		+	0.0208	+	0.00000	1.31320	3.1023 = 4.4363
General Service - Rate GS-3 (>100,000 Year)	669.00	0.00		+	0.00069	+	0.00000	1.31320	3.1023 = 4.4162
Customer Choice									From Others
alternative suppliers	(see above)					(see above)			per contract
Transportation									
(volumetric charges in \$/Mcf)									
Rate ST Cost Based Rate (0-100,000 Year)	669.00	0.00		0.208	0	1.0070			per contract
Rate ST Cost Based Rate (>100,000 Year)	669.00	0.00		0.0069	0	1.0070			per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,216.71	0.00		0.208	0	0.8213			per contract
Rate LT Cost Based Rate (>100,000 Year)	2,216.71	0.00		0.0069	0	0.8213			per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,491.00	0.00		0.208	0	0.6930			per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,491.00	0.00		0.0069	0	0.6930			per contract
XLT Remote Meter Charge	70.00	0.00			0				per contract
OTHER									
(\$/luminaire)									
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	7.00								includes gas
2.6 to 4.5 CF/Hr	15.00								includes gas
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.									
Note 2: Effective for bills rendered on and after the August 2017 billing month Consumers will pay the Energy Efficiency Program Surcharge per U-17771									
Note 3: New rates effective on and after August 7, 2017 per U-18124									
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed									
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). This charge ended on August 6, 2017.									
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed									
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed									
Customer Attachment Program surcharges are in addition to rates above									
Understanding your bill at Consumersenergy.com									
Rates Reference: see Rate Books									

MICHIGAN GAS UTILITIES CORP.										September 1, 2017	
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	see note 2	see note 1	see note 3	see note 4	(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.000000	0.01462	0.003739	0.00790	0.15871	+(0.31500	+ 0.06441	= 0.37941	)=	0.56438
Gas Light Rate-Residential						0.15871	+(0.31500	+ 0.06441	= 0.37941	)=	0.53812
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge			
							+ per contract	+ 0.06441			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCR Factor		
Sales											
Small General Service	35.00	0.000000	4.13	0.003834	0.07900	1.58700	+(3.1500	+ 0.6441	= 3.7941	)=	5.46010
Large General Service	425.00	0.000000	90.61		0.07900	1.03220	+(3.1500	+ 0.6441	= 3.7941	)=	4.90530
GasLight Rate-Commercial			9.71		0.07900	1.58700	+(3.1500	+ 0.6441	= 3.7941	)=	5.46010
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge			
							+ per contract	+ 0.64410			
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
		see note 2									
Transportation		\$/mo									
TR-1	850.00	0.000000	42.34			0.7777	0.6277				
TR-2	2,250.00	0.000000	139.35			0.4796	0.3296				
TR-3	3,050.00	0.000000	904.31			0.4651	0.3151				
<p>Note 1: Effective for bills rendered on and after August 1, 2017 Issued Under Authority of the Michigan Public Service Commission Order Dated July 31, 2017 In Case No: U-18339</p> <p>Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.</p> <p>Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051</p> <p>Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p> <p>Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books</p>											

DTE GAS COMPANY											September 1, 2017		
	Customer Charge	RDM Surcharge	IRM Surcharge	SI Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge		
		See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3	see note 4 (volumetric charges in \$/Ccf metered)					
RESIDENTIAL SERVICE													
Sales											From Utility		
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	-0.11	0.00	0.00000	0.01450	+	0.32707	+	0.00000	+ 0.31600 = 0.65757	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	-2.42	0.00	0.00000	+	0.01326	+	0.32707	+	0.00000	+ 0.31600 = 0.65633
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.00	0.00000	0.01326	+	0.32707	+	0.00000	+ 0.31600 = 0.65633	
Customer Choice											From Others		
alternative suppliers	(see above)							(see above)	+	0.00000	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)													
Sales											From Utility		
Rate GS-1	31.00	0.00	1.27	-15.01	0.00	0.00000	0.1326	+	2.8473	+	0.00000	+ 3.1600 = 6.1399	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	-119.41	0.00	0.00000	0.1326	+	2.3682	+	0.00000	+ 3.1600 = 5.6608	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	-119.41	0.00	0.00000	0.0141	+	2.3682	+	0.00000	+ 3.1600 = 5.5423	
Rate S	200.00	0.00	14.67	-129.03	0.00	0.00000	0.1326	+	1.9181	+	0.00000	+ 3.1600 = 5.2107	
Customer Choice											From Others		
alternative suppliers	(see above)							(see above)			per contract		
Transportation											From Others		
Rate ST (cost based rate)	2330.00		57.46	-709.31	0.00	0.00000	0.0141		0.9404		per contract		
Maximum (optional)	2330.00		57.46	-709.31	0.00	0.00000	0.0141		1.6508		per contract		
Minimum (optional)	2330.00		57.46	-709.31	0.00	0.00000	0.0141		0.2300		per contract		
Rate LT (cost based rate)	4250.00		269.07	-1534.53	0.00	0.00000	0.0141		0.6846		per contract		
Maximum (optional)	4250.00		269.07	-1534.53	0.00	0.00000	0.0141		1.1392		per contract		
Minimum (optional)	4250.00		269.07	-1534.53	0.00	0.00000	0.0141		0.2300		per contract		
Rate XLT (cost based rate)	10500.00		1767.24	-8490.18	0.00	0.00000	0.0141		0.5517		per contract		
Maximum (optional)	10500.00		1767.24	-8490.18	0.00	0.00000	0.0141		0.9234		per contract		
Minimum (optional)	10500.00		1767.24	-8490.18	0.00	0.00000	0.0141		0.1800		per contract		
Rate XXLT (cost based rate)	125000.00		11002.00	-42156.54	0.00	0.00000	0.0141		0.1707		per contract		
Maximum (optional)	125000.00		11002.00	-42156.54	0.00	0.00000	0.0141		0.9234		per contract		
Minimum (optional)	125000.00		11002.00	-42156.54	0.00	0.00000	0.0141		0.0500		per contract		
EUT Exploratory Program							0.008						
Rate XLT/XXLT-Remote Meter Charge	25.00												
Unauthorized Gas Usage Charge									10.0000				
Load Balancing Storage Charge									0.25/MMBtu				
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st													
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round													
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.													
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131													
Note 5: The Self-Implementation Credit, approved in Case No. U-18327, is implemented on a "bills rendered" basis. The credit is effective for one month for bills rendered beginning September 1, 2017.													
Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998													
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED													
Note 8: Self implementation rate credit is implemented on a service rendered basis effective September 1, 2017 per U-18327 - Removed													
Rates at utilities.dteenergy.com (PDF version)													
My.dteenergy.com for understanding your bill													
Rates Reference:	see	Rate Books	for more details										

SEMCO ENERGY GAS COMPANY

September 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.03111	0.17342	+(-0.38500	+ 0.80000	= 0.41500	)=	0.61953
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.80000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		11.50	3.56	2.2729	1.8203	+(-3.85000	+ 8.0000	+ 4.1500	)=	8.24320
	(>9 Dth)			0.0001	1.8203	-3.85000	8.0000	4.1500		5.97040
General Service (GS-2) (0-9 Dth)		35.00	22.43	2.2729	1.3932	+(-3.85000	+ 8.0000	+ 4.1500	)=	7.81610
	(>9 Dth)			0.0001	1.3932	-3.85000	8.0000	4.1500		5.54330
General Service (GS-3) (0-9 Dth)		105.00	106.33	2.2729	1.0985	+(-3.85000	+ 8.0000	+ 4.1500	)=	7.52140
	(>9 Dth)			0.0001	1.0985	-3.85000	8.0000	4.1500		5.24860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 8.00000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth
TR-1 (0-2500 Dth)		350.00	294.44	0.1662	75.00	per contract	0.9068	0.7568		0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344
TR-2 (0-2500 Dth)		1590.00	500.00	0.1662	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344
TR-3 (0-2500 Dth)		7290.00	500.00	0.1662	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after September 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18340.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09994	+	0.38929 = 0.48923
Seasonal	10.00	0.09994	+	0.38929 = 0.48923
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.89	0.8514	+	3.8929 = 4.7443
Small Seasonal	19.78	0.8514	+	3.8929 = 4.7443
Large	102.68	0.6214	+	3.8929 = 4.5143
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.37424	0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	2.5629	4.7950	7.3579
Large	188.00	1.9383	4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	11.00	0.20470	+	0.44885 = 0.65355
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	27.83	1.4400	+	4.4885 = 5.9285
Firm (304)	193.16	1.4400	+	4.4885 = 5.9285
Interruptible (303)	75.00	0.5600	+	4.4885 = 5.0485
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.83	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.1086	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Unchanged</i>	4.1507	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	4.1500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Unchanged</i>	3.8929	3.8929 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.4885	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2017

Calendar Year of GCR Factors

	Jul-17 \$/unit	Aug-17 \$/unit	Sep-17 \$/unit	Oct-17 \$/unit	Nov-17 \$/unit	Dec-17 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.1634	3.1086				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582	3.4582				/Mcf
DTE Gas Company						
- As Currently Billed	3.1600	3.1600				/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.1600	3.1600				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.1507	4.1507				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.1507	4.1507				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.7950	4.7950				/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.7950	4.7950				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1500	4.1500				/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.1943	4.1943				/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.8929	3.8929				/Dth
<u>-U-17279 - As Filed or as Ordered</u>	3.8929	3.8929				/Dth
Xcel Energy						
- As Currently Billed	4.4885	4.4885				/Dth
<u>-U-17335 - As Filed or as Ordered</u>	4.5830	4.5830				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.30852	+ 0.31086	= 0.61938	\$73.69	-1%
DTE Gas Company	11.60	0.34157	+ 0.31600	= 0.65757	\$77.36	4%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.41507	= 0.60166	\$73.17	-2%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	30%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.41500	= 0.60370	\$73.48	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.38929	= 0.48923	\$53.92	-28%
Xcel Energy	11.00	0.17800	+ 0.44885	= 0.62685	\$73.69	-1%
AVERAGE RATE	11.07	0.23965	+ 0.39637	= 0.55652	\$74.67	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	11.75	0.00	+	0.00	+	0.01980	0.00935	0.27937
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.01980	0.00683	0.27937
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	11.75			0.0198		0.27937		
							From Utility	
							0.31086	= 0.61938
							0.31086	= 0.61686
							From Others	
							per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	13.58	0.00	0.00	+	0.01438	+	0.00746	2.52500
General Service - Rate GS-2	21.65	0.00	0.00	+	0.01438	+	0.00532	2.27440
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		+	0.01438	+	0.00360	1.18110
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		+	0.00047	+	0.00360	1.18110
Customer Choice								
alternative suppliers	(see above)					(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.1438	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.1438	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.1438	0.00292	0.5143		
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0047	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.0047	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.0047	0.00292	0.5143		
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.1438	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.1438	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.1438	0.00195	0.3364		
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0047	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.0047	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.0047	0.00195	0.3364		
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.1438	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.1438	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.1438	0.00127	0.2625		
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0047	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.0047	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.0047	0.00127	0.2625		
XLT Remote Meter Charge	70.00	0.00			0.00127			
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	11.00						includes gas	
2.6 to 4.5 CF/Hr	19.00						includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY											August 1, 2017					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge					
		See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3	see note 4 (volumetric charges in \$/Ccf metered)								
RESIDENTIAL SERVICE																
Sales											From Utility					
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.00	0.00000	0.01450	+	0.32707	+	0.00000	+	0.31600	=	0.65757	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	0.00	0.00000	+	0.01326	+	0.32707	+	0.00000	+	0.31600	=	0.65633
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.00	0.00000	0.01326	+	0.32707	+	0.00000	+	0.31600	=	0.65633	
Customer Choice											From Others					
alternative suppliers	(see above)							(see above)	+	0.00000	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)												(volumetric charges in \$/Mcf metered)				
Sales											From Utility					
Rate GS-1	31.00	0.00	1.27	0.00	0.00	0.00000	0.1326	+	2.8473	+	0.00000	+	3.1600	=	6.1399	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.1326	+	2.3682	+	0.00000	+	3.1600	=	5.6608	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.0141	+	2.3682	+	0.00000	+	3.1600	=	5.5423	
Rate S	200.00	0.00	14.67	0.00	0.00	0.00000	0.1326	+	1.9181	+	0.00000	+	3.1600	=	5.2107	
Customer Choice											From Others					
alternative suppliers	(see above)							(see above)			per contract					
Transportation											From Others					
Rate ST (cost based rate)	2330.00		57.46	0.00	0.00	0.00000	0.0141		0.9404		per contract					
Maximum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141		1.6508		per contract					
Minimum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141		0.2300		per contract					
Rate LT (cost based rate)	4250.00		269.07	0.00	0.00	0.00000	0.0141		0.6846		per contract					
Maximum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141		1.1392		per contract					
Minimum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141		0.2300		per contract					
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.00	0.00000	0.0141		0.5517		per contract					
Maximum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141		0.9234		per contract					
Minimum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141		0.1800		per contract					
Rate XXLTL (cost based rate)	125000.00		11002.00	0.00	0.00	0.00000	0.0141		0.1707		per contract					
Maximum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141		0.9234		per contract					
Minimum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141		0.0500		per contract					
EUT Exploratory Program							0.008									
Rate XLT/XXLT-Remote Meter Charge	25.00															
Unauthorized Gas Usage Charge									10.0000							
Load Balancing Storage Charge									0.25/MMBtu							
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st																
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round																
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.																
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131																
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214																
Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998																
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED																
Note 8: Self implementation rate increase is implemented on a service rendered basis effective November 1, 2016 per U-17999 - Removed																
Rates at utilities.dteenergy.com (PDF version)																
My.dteenergy.com for understanding your bill																
Rates Reference:	see		Rate Books													
for more details																

SEMCO ENERGY GAS COMPANY

August 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(-0.38500	+ 0.80000	= 0.41500	)=	0.60370
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.80000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(-3.85000	+ 8.0000	+ 4.1500	)=	7.04770
	(>9 Dth)			0.0001	1.8203	-3.85000	8.0000	4.1500		5.97040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(-3.85000	+ 8.0000	+ 4.1500	)=	6.62060
	(>9 Dth)			0.0001	1.3932	-3.85000	8.0000	4.1500		5.54330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(-3.85000	+ 8.0000	+ 4.1500	)=	6.32590
	(>9 Dth)			0.0001	1.0985	-3.85000	8.0000	4.1500		5.24860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 8.00000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	0.9068	0.7568		0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09994	+ 0.38929	= 0.48923
Seasonal	10.00	0.09994	+ 0.38929	= 0.48923
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.8929	= 4.7443
Small Seasonal	19.78	0.8514	+ 3.8929	= 4.7443
Large	102.68	0.6214	+ 3.8929	= 4.5143
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.37424	0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	2.5629	4.7950	7.3579
Large	188.00	1.9383	4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	11.00	0.17800	+ 0.44885	= 0.62685
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	27.65	1.4400	+ 4.4885	= 5.9285
Firm (304)	222.83	1.4400	+ 4.4885	= 5.9285
Interruptible (303)	75.00	0.5600	+ 4.4885	= 5.0485
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.1634	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Unchanged</i>	4.1507	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	4.1500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.8929	3.8929 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.4885	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.1634					/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	3.4582					/Mcf
DTE Gas Company						
- As Currently Billed	3.1600					/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	3.1600					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.1507					/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.1507					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.7950					/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.7950					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1500					/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.1943					/Dth
Superior Energy Company *						
Upper Michigan Energy Resources Corp						
- As Currently Billed	3.8929					/Dth
<u>-U-17279 - As Filed or as Ordered</u>	3.8929					/Dth
Xcel Energy						
- As Currently Billed	4.4885					/Dth
<u>-U-17335 - As Filed or as Ordered</u>	4.5830					/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS						July 1, 2017
	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	11.75	0.30852	+ 0.31634	= 0.62486	\$74.24	-1%
DTE Gas Company	11.60	0.34157	+ 0.31600	= 0.65757	\$77.36	3%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.41507	= 0.60166	\$73.17	-2%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	30%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.41500	= 0.60370	\$73.48	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.38929	= 0.48923	\$53.92	-28%
Xcel Energy	11.00	0.17800	+ 0.44885	= 0.62685	\$73.69	-1%
AVERAGE RATE	11.07	0.23965	+ 0.39715	= 0.55720	\$74.75	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	11.75	0.00	+	0.00	+	0.01980	0.00935	0.27937
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.01980	0.00683	0.27937
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
<u>Customer Choice</u>								
<u>alternative suppliers</u>	11.75			0.0198		0.27937		
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	13.58	0.00	0.00	+	0.01438	+	0.00746	2.52500
General Service - Rate GS-2	21.65	0.00	0.00	+	0.01438	+	0.00532	2.27440
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		+	0.01438	+	0.00360	1.18110
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		+	0.00047	+	0.00360	1.18110
<u>Customer Choice</u>								
<u>alternative suppliers</u>	(see above)					(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.1438	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.1438	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.1438	0.00292	0.5143		
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0047	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.0047	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.0047	0.00292	0.5143		
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.1438	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.1438	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.1438	0.00195	0.3364		
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0047	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.0047	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.0047	0.00195	0.3364		
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.1438	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.1438	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.1438	0.00127	0.2625		
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0047	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.0047	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.0047	0.00127	0.2625		
XLT Remote Meter Charge	70.00	0.00			0.00127			
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	11.00							includes gas
2.6 to 4.5 CF/Hr	19.00							includes gas

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see [Rate Books](#)

SEMCO ENERGY GAS COMPANY

July 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(-0.38500	+ 0.80000	= 0.41500	)=	0.60370
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.80000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(-3.85000	+ 8.0000	+ 4.1500	)=	7.04770
	(>9 Dth)			0.0001	1.8203	-3.85000	8.0000	4.1500		5.97040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(-3.85000	+ 8.0000	+ 4.1500	)=	6.62060
	(>9 Dth)			0.0001	1.3932	-3.85000	8.0000	4.1500		5.54330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(-3.85000	+ 8.0000	+ 4.1500	)=	6.32590
	(>9 Dth)			0.0001	1.0985	-3.85000	8.0000	4.1500		5.24860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 8.00000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	0.9068	0.7568		0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09994	+ 0.38929	= 0.48923
Seasonal	10.00	0.09994	+ 0.38929	= 0.48923
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.8929	= 4.7443
Small Seasonal	19.78	0.8514	+ 3.8929	= 4.7443
Large	102.68	0.6214	+ 3.8929	= 4.5143
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.37424	0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	2.5629	4.7950	7.3579
Large	188.00	1.9383	4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	11.00	0.17800	+ 0.44885	= 0.62685
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	27.65	1.4400	+ 4.4885	= 5.9285
Firm (304)	222.83	1.4400	+ 4.4885	= 5.9285
Interruptible (303)	75.00	0.5600	+ 4.4885	= 5.0485
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.3153	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Unchanged</i>	4.1507	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	4.1500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.9643	3.9643 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.4885	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	3.3153	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	3.4582	/Mcf
DTE Gas Company							
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	4.1943	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp							
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	3.9643	/Dth
Xcel Energy							
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.30852	+ 0.33153	= 0.64005	\$75.76	1%
DTE Gas Company	11.60	0.34157	+ 0.31600	= 0.65757	\$77.36	3%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.41507	= 0.60166	\$73.17	-3%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	30%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.41500	= 0.60370	\$73.48	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.39643	= 0.49637	\$54.64	-27%
Xcel Energy	11.00	0.17800	+ 0.44885	= 0.62685	\$73.69	-2%
AVERAGE RATE	11.07	0.23965	+ 0.40034	= 0.55999	\$75.06	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	11.75	0.00	+	0.00	+	0.01980	0.00935	0.27937
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.01980	0.00683	0.27937
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	11.75			0.0198		0.27937		
							From Utility	
							0.33153	= 0.64005
							0.33153	= 0.63753
							From Others	
							per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	13.58	0.00	0.00	+	0.01438	+	0.00746	2.52500
General Service - Rate GS-2	21.65	0.00	0.00	+	0.01438	+	0.00532	2.27440
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		+	0.01438	+	0.00360	1.18110
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		+	0.00047	+	0.00360	1.18110
Customer Choice								
alternative suppliers	(see above)					(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.1438	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.1438	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.1438	0.00292	0.5143		
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0047	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.0047	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.0047	0.00292	0.5143		
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.1438	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.1438	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.1438	0.00195	0.3364		
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0047	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.0047	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.0047	0.00195	0.3364		
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.1438	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.1438	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.1438	0.00127	0.2625		
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0047	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.0047	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.0047	0.00127	0.2625		
XLT Remote Meter Charge	70.00	0.00			0.00127			
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	11.00						includes gas	
2.6 to 4.5 CF/Hr	19.00						includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

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SEMCO ENERGY GAS COMPANY

June 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(-0.34500	+ 0.76000	= 0.41500	)=	0.60370
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.76000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(-3.45000	+ 7.6000	+ 4.1500	)=	7.04770
	(>9 Dth)			0.0001	1.8203	-3.45000	7.6000	4.1500		5.97040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(-3.45000	+ 7.6000	+ 4.1500	)=	6.62060
	(>9 Dth)			0.0001	1.3932	-3.45000	7.6000	4.1500		5.54330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(-3.45000	+ 7.6000	+ 4.1500	)=	6.32590
	(>9 Dth)			0.0001	1.0985	-3.45000	7.6000	4.1500		5.24860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 7.60000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568		\$/Dth 0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09994	+ 0.39643	= 0.49637
Seasonal	10.00	0.09994	+ 0.39643	= 0.49637
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.9643	= 4.8157
Small Seasonal	19.78	0.8514	+ 3.9643	= 4.8157
Large	102.68	0.6214	+ 3.9643	= 4.5857
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.37424	0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	2.5629	4.7950	7.3579
Large	188.00	1.9383	4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	11.00	0.17800	+ 0.44885	= 0.62685
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	27.65	1.4400	+ 4.4885	= 5.9285
Firm (304)	222.83	1.4400	+ 4.4885	= 5.9285
Interruptible (303)	75.00	0.5600	+ 4.4885	= 5.0485
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.4486	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.1600	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Unchanged</i>	4.1507	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Increase</i>	4.1500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	4.0357	4.0357 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.4885	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *						
	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company						
- As Currently Billed	3.0357	2.9951	2.9951	3.1910	3.4486	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582	3.4582	/Mcf
DTE Gas Company						
- As Currently Billed	3.5400	3.5400	3.5400	3.1600	3.1600	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600	3.1600	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.6205	3.4268	3.6205	4.1507	4.1507	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507	4.1507	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410	4.9410	4.7950	4.7950	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950	4.7950	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5400	3.5400	3.4800	3.8500	4.1500	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943	4.1943	/Dth
Superior Energy Company *						
	(Rates set by local government regulation, not by the MPSC)					
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.0359	3.9286	3.9286	3.8929	4.0357	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929	4.0357	/Dth
Xcel Energy						
- As Currently Billed	3.7256	3.7256	3.7256	4.4885	4.4885	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830	4.5830	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.30852	+ 0.34486	= 0.65338	\$77.09	2%
DTE Gas Company	11.60	0.34157	+ 0.31600	= 0.65757	\$77.36	3%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.41507	= 0.60166	\$73.17	-3%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	29%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.41500	= 0.60370	\$73.48	-2%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.40357	= 0.50351	\$55.35	-27%
Xcel Energy	11.00	0.17800	+ 0.44885	= 0.62685	\$73.69	-2%
AVERAGE RATE	11.07	0.23965	+ 0.40326	= 0.56255	\$75.36	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	11.75	0.00	+	0.00	+	0.01980	0.27937	0.34486 = 0.65338
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.01980	0.27937	0.34486 = 0.65086
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								From Others
alternative suppliers	11.75			0.0198		0.27937		per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	13.58	0.00	0.00	+	0.01438	+	0.00746	2.52500 3.4486 = 5.9954
General Service - Rate GS-2	21.65	0.00	0.00	+	0.01438	+	0.00532	2.27440 3.4486 = 5.7427
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		+	0.01438	+	0.00360	1.18110 3.4486 = 4.6477
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		+	0.00047	+	0.00360	1.18110 3.4486 = 4.6338
Customer Choice								From Others
alternative suppliers	(see above)					(see above)		per contract
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.1438	0.00292	1.0285		per contract
ST Optional Maximum Rate		0.00		0.1438	0.00292	1.5428		per contract
ST Optional Minimum Rate		0.00		0.1438	0.00292	0.5143		per contract
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0047	0.00292	1.0285		per contract
ST Optional Maximum Rate		0.00		0.0047	0.00292	1.5428		per contract
ST Optional Minimum Rate		0.00		0.0047	0.00292	0.5143		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.1438	0.00195	0.6728		per contract
LT Optional Maximum Rate		0.00		0.1438	0.00195	1.0092		per contract
LT Optional Minimum Rate		0.00		0.1438	0.00195	0.3364		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0047	0.00195	0.6728		per contract
LT Optional Maximum Rate		0.00		0.0047	0.00195	1.0092		per contract
LT Optional Minimum Rate		0.00		0.0047	0.00195	0.3364		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.1438	0.00127	0.5250		per contract
XLT Optional Maximum Rate		0.00		0.1438	0.00127	0.7876		per contract
XLT Optional Minimum Rate		0.00		0.1438	0.00127	0.2625		per contract
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0047	0.00127	0.5250		per contract
XLT Optional Maximum Rate		0.00		0.0047	0.00127	0.7876		per contract
XLT Optional Minimum Rate		0.00		0.0047	0.00127	0.2625		per contract
XLT Remote Meter Charge	70.00	0.00			0.00127			per contract
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	11.00							includes gas
2.6 to 4.5 CF/Hr	19.00							includes gas

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

May 1, 2017

DTE GAS COMPANY												Total Charge				
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor						
		See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3	see note 4 (volumetric charges in \$/Ccf metered)								
RESIDENTIAL SERVICE																
Sales												From Utility				
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.00	0.00000	0.01450	+	0.32707	+	0.00000	+	0.31600	=	0.65757	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	0.00	0.00000	+	0.01326	+	0.32707	+	0.00000	+	0.31600	=	0.65633
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.00	0.00000	0.01326	+	0.32707	+	0.00000	+	0.31600	=	0.65633	
Customer Choice												From Others				
alternative suppliers	(see above)							(see above)	+	0.00000	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE																
	(\$/month)							see note 4 (volumetric charges in \$/Mcf metered)								
Sales												From Utility				
Rate GS-1	31.00	0.00	1.27	0.00	0.00	0.00000	0.1326	+	2.8473	+	0.00000	+	3.1600	=	6.1399	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.1326	+	2.3682	+	0.00000	+	3.1600	=	5.6608	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.0141	+	2.3682	+	0.00000	+	3.1600	=	5.5423	
Rate S	200.00	0.00	14.67	0.00	0.00	0.00000	0.1326	+	1.9181	+	0.00000	+	3.1600	=	5.2107	
Customer Choice												From Others				
alternative suppliers	(see above)							(see above)				per contract				
Transportation												From Others				
Rate ST (cost based rate)	2330.00		57.46	0.00	0.00	0.00000	0.0141	0.9404				per contract				
Maximum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141	1.6508				per contract				
Minimum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141	0.2300				per contract				
Rate LT (cost based rate)	4250.00		269.07	0.00	0.00	0.00000	0.0141	0.6846				per contract				
Maximum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141	1.1392				per contract				
Minimum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141	0.2300				per contract				
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.5517				per contract				
Maximum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.9234				per contract				
Minimum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.1800				per contract				
Rate XXL (cost based rate)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.1707				per contract				
Maximum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.9234				per contract				
Minimum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.0500				per contract				
EUT Exploratory Program							0.008									
Rate XLT/XXLT-Remote Meter Charge	25.00															
Unauthorized Gas Usage Charge								10.0000								
Load Balancing Storage Charge								0.25/MMBtu								
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st																
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round																
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.																
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131																
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214																
Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998																
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED																
Note 8: Self implementation rate increase is implemented on a service rendered basis effective November 1, 2016 per U-17999 - Removed																
Rates at utilities.dteenergy.com (PDF version)																
My.dteenergy.com for understanding your bill																
Rates Reference: see Rate Books for more details																

SEMCO ENERGY GAS COMPANY

May 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(-0.38500	+ 0.80000	= 0.41500	)=	0.60370
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.80000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(-3.85000	+ 8.0000	+ 4.1500	)=	7.04770
	(>9 Dth)			0.0001	1.8203	-3.85000	8.0000	4.1500		5.97040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(-3.85000	+ 8.0000	+ 4.1500	)=	6.62060
	(>9 Dth)			0.0001	1.3932	-3.85000	8.0000	4.1500		5.54330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(-3.85000	+ 8.0000	+ 4.1500	)=	6.32590
	(>9 Dth)			0.0001	1.0985	-3.85000	8.0000	4.1500		5.24860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 8.00000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	0.9068	0.7568		0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09994	+	0.40357	= 0.50351
Seasonal	10.00	0.09994	+	0.40357	= 0.50351
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.89	0.8514	+	4.0357	= 4.8871
Small Seasonal	19.78	0.8514	+	4.0357	= 4.8871
Large	102.68	0.6214	+	4.0357	= 4.6571
Rates Reference:	see	Rate Books for more details			

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.37424		0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.5629		4.7950	7.3579
Large	188.00	1.9383		4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	11.00	0.17800	+	0.44885	= 0.62685
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	27.65	1.4400	+	4.4885	= 5.9285
Firm (304)	222.83	1.4400	+	4.4885	= 5.9285
Interruptible (303)	75.00	0.5600	+	4.4885	= 5.0485
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.65	25.00		25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.1910	3.4582 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Decrease</i>	3.1600	3.1600 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Increase</i>	4.1507	4.1507 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Decrease</i>	4.7950	4.7950 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Increase</i>	3.8500	4.1943 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.8929	3.8929 /Dth	<u>U-17650</u>
Xcel Energy	<i>Increase</i>	4.4885	4.5830 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	3.0357	2.9951	2.9951	3.1910		/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951	3.4582		/Mcf
DTE Gas Company						
- As Currently Billed	3.5400	3.5400	3.5400	3.1600		/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400	3.1600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.6205	3.4268	3.6205	4.1507		/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205	4.1507		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410	4.9410	4.7950		/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.7950		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5400	3.5400	3.4800	3.8500		/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621	4.1943		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.0359	3.9286	3.9286	3.8929		/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286	3.8929		/Dth
Xcel Energy						
- As Currently Billed	3.7256	3.7256	3.7256	4.4885		/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256	4.5830		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.30852	+ 0.31910	= 0.62762	\$74.51	0%
DTE Gas Company	11.60	0.36957	+ 0.31600	= 0.68557	\$80.16	7%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.41507	= 0.60166	\$73.17	-2%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4795	= 0.85374	\$97.37	30%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.38500	= 0.57370	\$70.48	-6%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.38929	= 0.48923	\$53.92	-28%
Xcel Energy	11.00	0.17800	+ 0.44885	= 0.62685	\$73.69	-1%
AVERAGE RATE	11.07	0.24365	+ 0.39326	= 0.55730	\$74.76	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Surcharge see note 5	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE								
Sales								
Rate A	11.75	0.00	+	0.00	+	0.01980	0.00935	0.27937
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.01980	0.00683	0.27937
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	11.75			0.0198		0.27937		
							From Utility	
							0.31910	= 0.62762
							0.31910	= 0.62510
							From Others	
							per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
Sales								
General Service - Rate GS-1	13.58	0.00	0.00	+	0.01438	+	0.00746	2.52500
General Service - Rate GS-2	21.65	0.00	0.00	+	0.01438	+	0.00532	2.27440
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		+	0.01438	+	0.00360	1.18110
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		+	0.00047	+	0.00360	1.18110
Customer Choice								
alternative suppliers	(see above)					(see above)		
Transportation								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.1438	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.1438	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.1438	0.00292	0.5143		
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0047	0.00292	1.0285		
ST Optional Maximum Rate		0.00		0.0047	0.00292	1.5428		
ST Optional Minimum Rate		0.00		0.0047	0.00292	0.5143		
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.1438	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.1438	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.1438	0.00195	0.3364		
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0047	0.00195	0.6728		
LT Optional Maximum Rate		0.00		0.0047	0.00195	1.0092		
LT Optional Minimum Rate		0.00		0.0047	0.00195	0.3364		
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.1438	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.1438	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.1438	0.00127	0.2625		
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0047	0.00127	0.5250		
XLT Optional Maximum Rate		0.00		0.0047	0.00127	0.7876		
XLT Optional Minimum Rate		0.00		0.0047	0.00127	0.2625		
XLT Remote Meter Charge	70.00	0.00			0.00127			
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	11.00						includes gas	
2.6 to 4.5 CF/Hr	19.00						includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

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SEMCO ENERGY GAS COMPANY

April 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(0.31330	+ 0.07170	= 0.38500	)=	0.57370
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.07170			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(3.13300	+ 0.7170	+ 3.8500	)=	6.74770
	(>9 Dth)			0.0001	1.8203	3.13300	0.7170	3.8500		5.67040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(3.13300	+ 0.7170	+ 3.8500	)=	6.32060
	(>9 Dth)			0.0001	1.3932	3.13300	0.7170	3.8500		5.24330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(3.13300	+ 0.7170	+ 3.8500	)=	6.02590
	(>9 Dth)			0.0001	1.0985	3.13300	0.7170	3.8500		4.94860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.71700			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568		\$/Dth 0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09994	+	0.38929	= 0.48923
Seasonal	10.00	0.09994	+	0.38929	= 0.48923
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.89	0.8514	+	3.8929	= 4.7443
Small Seasonal	19.78	0.8514	+	3.8929	= 4.7443
Large	102.68	0.6214	+	3.8929	= 4.5143
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.37424		0.4795	0.8537
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.5629		4.7950	7.3579
Large	188.00	1.9383		4.7950	6.7333

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	11.00	0.17800	+	0.44885	= 0.62685
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	27.65	1.4400	+	4.4885	= 5.9285
Firm (304)	222.83	1.4400	+	4.4885	= 5.9285
Interruptible (303)	75.00	0.5600	+	4.4885	= 5.0485
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.65	25.00		25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Unchanged</i>	2.9951	2.9951 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.5400	3.5400 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Increase</i>	3.6205	3.6205 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Decrease</i>	3.4800	3.5621 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Unchanged</i>	3.9286	3.9286 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	3.7256	3.7256 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	3.0357	2.9951	2.9951			/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951	2.9951			/Mcf
DTE Gas Company						
- As Currently Billed	3.5400	3.5400	3.5400			/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400	3.5400			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.6205	3.4268	3.6205			/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205	3.6205			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410	4.9410			/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410	4.9410			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5400	3.5400	3.4800			/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621	3.5621			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.0359	3.9286	3.9286			/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286	3.9286			/Dth
Xcel Energy						
- As Currently Billed	3.7256	3.7256	3.7256			/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256	3.7256			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	11.75	0.26650	+ 0.29951	= 0.56601	\$68.35	-5%
DTE Gas Company	11.60	0.36957	+ 0.35400	= 0.72357	\$83.96	16%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.36205	= 0.54864	\$67.86	-6%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4941	= 0.86834	\$98.83	37%
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.34800	= 0.53670	\$66.78	-7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.39286	= 0.49280	\$54.28	-25%
Xcel Energy	8.00	0.19850	+ 0.37256	= 0.57106	\$65.11	-10%
AVERAGE RATE	10.64	0.24058	+ 0.37473	= 0.53839	\$72.17	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2017

	Customer Charge	LIEEF see note 6 (\$/month)	RDM Surcharge see note 7	Energy Efficiency Charge see note 2	IRI Reconciliation see note 8	IRI Surcharge see note 5 (volumetric charges in \$/ccf)	Distribution Charge see note 3	GCR Factor	Total Vol Charge									
RESIDENTIAL SERVICE																		
Sales																		
Rate A	11.75	0.00	+	0.00	+	0.01980	+	-0.04202	0.00935	0.27937	From Utility	0.29951	=	0.56601				
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.01980	+	-0.03055	0.00683	0.27937	0.29951	=	0.57496					
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)																		
Customer Choice										From Others								
alternative suppliers	11.75			0.0198			0.27937				per contract	* including EO Surcharge (Note 2)						
COMMERCIAL & INDUSTRIAL SERVICE										(\$/month)					(volumetric charges in \$/ccf)			
Sales										From Utility								
General Service - Rate GS-1	13.58	0.00		0.00	+	0.01438	+		0.00746	2.52500	2.9951	=	5.5419					
General Service - Rate GS-2	21.65	0.00		0.00	+	0.01438	+		0.00532	2.27440	2.9951	=	5.2892					
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00			+	0.01438	+		0.00360	1.18110	2.9951	=	4.1942					
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00			+	0.00047	+		0.00360	1.18110	2.9951	=	4.1803					
Customer Choice										From Others								
alternative suppliers	(see above)						(see above)				per contract							
Transportation										From Others								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00			0.1438		0.00292	1.0285			per contract							
ST Optional Maximum Rate		0.00			0.1438		0.00292	1.5428			per contract							
ST Optional Minimum Rate		0.00			0.1438		0.00292	0.5143			per contract							
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00			0.0047		0.00292	1.0285			per contract							
ST Optional Maximum Rate		0.00			0.0047		0.00292	1.5428			per contract							
ST Optional Minimum Rate		0.00			0.0047		0.00292	0.5143			per contract							
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00			0.1438		0.00195	0.6728			per contract							
LT Optional Maximum Rate		0.00			0.1438		0.00195	1.0092			per contract							
LT Optional Minimum Rate		0.00			0.1438		0.00195	0.3364			per contract							
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00			0.0047		0.00195	0.6728			per contract							
LT Optional Maximum Rate		0.00			0.0047		0.00195	1.0092			per contract							
LT Optional Minimum Rate		0.00			0.0047		0.00195	0.3364			per contract							
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00			0.1438		0.00127	0.5250			per contract							
XLT Optional Maximum Rate		0.00			0.1438		0.00127	0.7876			per contract							
XLT Optional Minimum Rate		0.00			0.1438		0.00127	0.2625			per contract							
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00			0.0047		0.00127	0.5250			per contract							
XLT Optional Maximum Rate		0.00			0.0047		0.00127	0.7876			per contract							
XLT Optional Minimum Rate		0.00			0.0047		0.00127	0.2625			per contract							
XLT Remote Meter Charge	70.00	0.00					0.00127				per contract							
OTHER										(\$/month)								
Outdoor Gas Light - Rate GL																		
up to 2.5 CF/Hr	11.00										includes gas							
2.6 to 4.5 CF/Hr	19.00										includes gas							

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.

Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

Note 8: Reconciliation of Interim Rate Increase (Case No. U-17882) effective for the March 2017 billing month.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books

SEMCO ENERGY GAS COMPANY

March 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(0.27630	+ 0.07170	= 0.34800	)= 0.53670	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07170			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(2.76300	+ 0.7170	+ 3.4800	)= 6.37770	
	(>9 Dth)			0.0001	1.8203	2.76300	0.7170	3.4800	5.30040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(2.76300	+ 0.7170	+ 3.4800	)= 5.95060	
	(>9 Dth)			0.0001	1.3932	2.76300	0.7170	3.4800	4.87330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(2.76300	+ 0.7170	+ 3.4800	)= 5.65590	
	(>9 Dth)			0.0001	1.0985	2.76300	0.7170	3.4800	4.57860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.71700			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09994	+	0.39286 = 0.49280
Seasonal	10.00	0.09994	+	0.39286 = 0.49280
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.89	0.8514	+	3.9286 = 4.7800
Small Seasonal	19.78	0.8514	+	3.9286 = 4.7800
Large	102.68	0.6214	+	3.9286 = 4.5500
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.37424	0.4941	0.8683
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	2.5629	4.9410	7.5039
Large	188.00	1.9383	4.9410	6.8793

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.19850	+	0.37256 = 0.57106
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	23.65	1.3000	+	3.7256 = 5.0256
Firm (304)	218.83	1.3000	+	3.7256 = 5.0256
Interruptible (303)	75.00	0.5600	+	3.7256 = 4.2856
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.9951	2.9951 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Unchanged</i>	3.5400	3.5400 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Decrease</i>	3.4268	3.6205 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	3.5400	3.5621 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Decrease</i>	3.9286	3.9286 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	3.7256	3.7256 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	3.0357	2.9951				/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357	2.9951				/Mcf
DTE Gas Company						
- As Currently Billed	3.5400	3.5400				/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400	3.5400				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.6205	3.4268				/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205	3.6205				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410				/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410	4.9410				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5400	3.5400				/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621	3.5621				/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.0359	3.9286				/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359	3.9286				/Dth
Xcel Energy						
- As Currently Billed	3.7256	3.7256				/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256	3.7256				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.30852	+ 0.29951	= 0.60803	\$72.55	0%
DTE Gas Company	11.60	0.36957	+ 0.35400	= 0.72357	\$83.96	16%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.34268	= 0.52927	\$65.93	-9%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4941	= 0.86834	\$98.83	36%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.35400	= 0.54270	\$67.38	-7%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.39286	= 0.49280	\$54.28	-25%
Xcel Energy	8.00	0.19850	+ 0.37256	= 0.57106	\$65.11	-10%
AVERAGE RATE	10.64	0.24658	+ 0.37282	= 0.54197	\$72.58	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2017

	Customer Charge	LIEEF	RDM Surcharge	Energy Efficiency Charge	IRI Surcharge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 6 (\$/month)	see note 7	see note 2	see note 5	see note 3		
RESIDENTIAL SERVICE								
(volumetric charges in \$/ccf)								
Sales								
Rate A	11.75	0.00	+ 0.00	+ 0.01980	+ 0.00935	0.27937	0.29951	= 0.60803
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	+ 0.01980	+ 0.00683	0.27937	0.29951	= 0.60551
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)								
Customer Choice								
alternative suppliers	11.75			0.0198		0.27937	From Others	
per contract								
* including EO Surcharge (Note 2)								
COMMERCIAL & INDUSTRIAL SERVICE								
(\$/month)								
(volumetric charges in \$/ccf)								
Sales								
General Service - Rate GS-1	13.58	0.00	0.00	+ 0.01438	+ 0.00746	2.52500	2.9951	= 5.5419
General Service - Rate GS-2	21.65	0.00	0.00	+ 0.01438	+ 0.00532	2.27440	2.9951	= 5.2892
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		+ 0.01438	+ 0.00360	1.18110	2.9951	= 4.1942
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		+ 0.00047	+ 0.00360	1.18110	2.9951	= 4.1803
Customer Choice								
alternative suppliers	(see above)					(see above)	From Others	
per contract								
Transportation								
(volumetric charges in \$/Mcf)								
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.1438	0.00292	1.0285	per contract	
ST Optional Maximum Rate		0.00		0.1438	0.00292	1.5428	per contract	
ST Optional Minimum Rate		0.00		0.1438	0.00292	0.5143	per contract	
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0047	0.00292	1.0285	per contract	
ST Optional Maximum Rate		0.00		0.0047	0.00292	1.5428	per contract	
ST Optional Minimum Rate		0.00		0.0047	0.00292	0.5143	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.1438	0.00195	0.6728	per contract	
LT Optional Maximum Rate		0.00		0.1438	0.00195	1.0092	per contract	
LT Optional Minimum Rate		0.00		0.1438	0.00195	0.3364	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0047	0.00195	0.6728	per contract	
LT Optional Maximum Rate		0.00		0.0047	0.00195	1.0092	per contract	
LT Optional Minimum Rate		0.00		0.0047	0.00195	0.3364	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.1438	0.00127	0.5250	per contract	
XLT Optional Maximum Rate		0.00		0.1438	0.00127	0.7876	per contract	
XLT Optional Minimum Rate		0.00		0.1438	0.00127	0.2625	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0047	0.00127	0.5250	per contract	
XLT Optional Maximum Rate		0.00		0.0047	0.00127	0.7876	per contract	
XLT Optional Minimum Rate		0.00		0.0047	0.00127	0.2625	per contract	
XLT Remote Meter Charge	70.00	0.00			0.00127		per contract	
OTHER								
(\$/month)								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	11.00						includes gas	
2.6 to 4.5 CF/Hr	19.00						includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.								
Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025								
Note 3: New rates effective on and after April 22, 2016 per U-17882								
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed								
Note 5: Interim Rate Increase subject to refund (Case No. U-18124). Effective for service rendered on and after January 29 2017.								
Note 6: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed								
Note 7: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at Consumersenergy.com								
Rates Reference:	see	Rate Books						

MICHIGAN GAS UTILITIES CORP.										February 1, 2017		
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	see note 2	see note 1	see note 3	see note 4	(volumetric charges in \$/Ccf metered)						
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	13.00	0.000000	0.01624	0.003739	0.00790	0.15871	+(0.26000	+ 0.08268	= 0.34268	)=	0.52927
Gas Light Rate-Residential						0.15871	+(0.26000	+ 0.08268	= 0.34268	)=	0.50139
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge				
							+ per contract	+ 0.08268				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales												
Small General Service	35.00	0.000000	4.39	0.003834	0.07900	1.58700	+(2.60000	+ 0.8268	= 3.4268	)=	5.09280
Large General Service	425.00	0.000000	109.03		0.07900	1.03220	+(2.60000	+ 0.8268	= 3.4268	)=	4.53800
GasLight Rate-Commercial			8.73		0.07900	1.58700	+(2.60000	+ 0.8268	= 3.4268	)=	5.09280
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge				
							+ per contract	+ 0.82680				
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2										
Transportation		\$/mo										
TR-1	850.00	0.000000	39.65			0.7777	0.6277					
TR-2	2,250.00	0.000000	118.77			0.4796	0.3296					
TR-3	3,050.00	0.000000	523.83			0.4651	0.3151					
<p>Note 1: Effective for bills rendered on and After August 1, 2016 issued Under Authority of the Michigan Public Service Commission Order Dated July 22, 2016 In Case No: U-18015</p> <p>Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.</p> <p>Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051</p> <p>Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.</p>												
<p>Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books</p>												

DTE GAS COMPANY											February 1, 2017					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge					
		See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3	see note 4 (volumetric charges in \$/Ccf metered)								
RESIDENTIAL SERVICE																
Sales											From Utility					
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.00	0.00000	0.0145	+	0.32707	+	0.02800	+	0.35400	=	0.72357	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	0.00	0.00000	+	0.01326	+	0.32707	+	0.02800	+	0.35400	=	0.72233
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.00	0.00000	0.01326	+	0.32707	+	0.02800	+	0.35400	=	0.72233	
Customer Choice											From Others					
alternative suppliers	(see above)							(see above)	+	0.02800	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)																
											(volumetric charges in \$/Mcf metered)					
Sales											From Utility					
Rate GS-1	31.00	0.00	1.27	0.00	0.00	0.00000	0.1326	+	2.8473	+	0.28000	+	3.5400	=	6.7999	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.1326	+	2.3682	+	0.28000	+	3.5400	=	6.3208	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.0141	+	2.3682	+	0.28000	+	3.5400	=	6.2023	
Rate S	200.00	0.00	14.67	0.00	0.00	0.00000	0.1326	+	1.9181	+	0.28000	+	3.5400	=	5.8707	
Customer Choice											From Others					
alternative suppliers	(see above)							(see above)				per contract				
Transportation											From Others					
Rate ST (cost based rate)	2330.00		57.46	0.00	0.00	0.00000	0.0141	0.9404				per contract				
Maximum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141	1.6508				per contract				
Minimum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141	0.2300				per contract				
Rate LT (cost based rate)	4250.00		269.07	0.00	0.00	0.00000	0.0141	0.6846				per contract				
Maximum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141	1.1392				per contract				
Minimum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141	0.2300				per contract				
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.5517				per contract				
Maximum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.9234				per contract				
Minimum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.1800				per contract				
Rate XXLT (cost based rate)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.1707				per contract				
Maximum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.9234				per contract				
Minimum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.0500				per contract				
EUT Exploratory Program							0.008									
Rate XLT/XXLT-Remote Meter Charge	25.00															
Unauthorized Gas Usage Charge								10.0000								
Load Balancing Storage Charge								0.25/MMBtu								
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st																
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round																
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.																
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131																
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214																
Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998																
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED																
Note 8: Self implementation rate increase is implemented on a service rendered basis effective November 1, 2016 per U-17999 - Removed																
Rates at utilities.dteenergy.com (PDF version)																
My dteenergy.com for understanding your bill																
Rates Reference: see Rate Books for more details																

SEMCO ENERGY GAS COMPANY

February 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(0.27630	+ 0.07770	= 0.35400	)= 0.54270	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07770			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1) (0-9 Dth)		11.50	3.56	1.0774	1.8203	+(2.76300	+ 0.7770	+ 3.5400	)= 6.43770	
	(>9 Dth)			0.0001	1.8203	2.76300	0.7770	3.5400	5.36040	
General Service (GS-2) (0-9 Dth)		35.00	22.43	1.0774	1.3932	+(2.76300	+ 0.7770	+ 3.5400	)= 6.01060	
	(>9 Dth)			0.0001	1.3932	2.76300	0.7770	3.5400	4.93330	
General Service (GS-3) (0-9 Dth)		105.00	106.33	1.0774	1.0985	+(2.76300	+ 0.7770	+ 3.5400	)= 5.71590	
	(>9 Dth)			0.0001	1.0985	2.76300	0.7770	3.5400	4.63860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.77700			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1 (0-2500 Dth)		350.00	294.44	0.0585	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2 (0-2500 Dth)		1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3 (0-2500 Dth)		7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09994	+ 0.39286	= 0.49280
Seasonal	10.00	0.09994	+ 0.39286	= 0.49280
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.9286	= 4.7800
Small Seasonal	19.78	0.8514	+ 3.9286	= 4.7800
Large	102.68	0.6214	+ 3.9286	= 4.5500
Rates Reference:	see	Rate Books for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.37424	0.4941	0.8683
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	2.5629	4.9410	7.5039
Large	188.00	1.9383	4.9410	6.8793

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.19850	+ 0.37256	= 0.57106
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	23.65	1.3000	+ 3.7256	= 5.0256
Firm (304)	218.83	1.3000	+ 3.7256	= 5.0256
Interruptible (303)	75.00	0.5600	+ 3.7256	= 4.2856
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2017

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.0357	3.0357 /Mcf	<u>U-17943</u>
DTE Gas Company	<i>Increase</i>	3.5400	3.5400 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Increase</i>	3.6205	3.6205 /Mcf	<u>U-17940</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Unchanged</i>	3.5400	3.5621 /Dth	<u>U-17942</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Upper Michigan Energy Resources Corp (UMERC)	<i>Increase</i>	4.0359	4.0359 /Dth	<u>U-17650</u>
Xcel Energy	<i>Increase</i>	3.7256	3.7256 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Upper Michigan Energy Resources Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2017

Calendar Year of GCR Factors

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	3.0357					/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	3.0357					/Mcf
DTE Gas Company						
- As Currently Billed	3.5400					/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	3.5400					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.6205					/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.6205					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410					/Mcf
<u>-U-17695-As Filed or as Ordered</u>	4.9410					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5400					/Dth
<u>-U-17692 - As Filed or as Ordered</u>	3.5621					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Upper Michigan Energy Resources Corp						
- As Currently Billed	4.0359					/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.0359					/Dth
Xcel Energy						
- As Currently Billed	3.7256					/Dth
<u>-U-17694 - As Filed or as Ordered</u>	3.7256					/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2017

Calendar Year of GCR Factors

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Upper Michigan Energy Resources Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2017

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.75	0.29917	+ 0.30357	= 0.60274	\$72.02	-1%
DTE Gas Company	11.60	0.36957	+ 0.35400	= 0.72357	\$83.96	15%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.36205	= 0.54864	\$67.86	-7%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4941	= 0.86834	\$98.83	36%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18870	+ 0.35400	= 0.54270	\$67.38	-8%
Upper Michigan Energy Resources Corp (UMERC)	5.00	0.09994	+ 0.40359	= 0.50353	\$55.35	-24%
Xcel Energy	8.00	0.19850	+ 0.37256	= 0.57106	\$65.11	-11%
AVERAGE RATE	10.64	0.24524	+ 0.37770	= 0.54507	\$72.93	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Upper Michigan Energy Resources Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2017

	Customer Charge	LIEEF		RDM Surcharge	IRI Surcharge		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge
		see note 7		see note 8	see note 5		see note 2		see note 3				
		(\$/month)					(volumetric charges in \$/ccf)						
RESIDENTIAL SERVICE													
Sales													
Rate A	11.75	0.00	+	0.00	0.00000	+	0.01980	+	0.27937		From Utility	0.30357	= 0.60274
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	0.00000	+	0.01980	+	0.27937			0.30357	= 0.60274
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)													
Customer Choice													
alternative suppliers	11.75						0.0198		0.27937		From Others		
per contract													
* including EO Surcharge (Note 2)													
COMMERCIAL & INDUSTRIAL SERVICE													
		(\$/month)					(volumetric charges in \$/ccf)						
Sales													
General Service - Rate GS-1	13.58	0.00		0.00	0.0000	+	0.01438	+	2.52500		From Utility	3.0357	= 5.5751
General Service - Rate GS-2	21.65	0.00		0.00	0.0000	+	0.01438	+	2.27440			3.0357	= 5.3245
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00			0.0000	+	0.01438	+	1.18110			3.0357	= 4.2312
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00			0.0000	+	0.00047	+	1.18110			3.0357	= 4.2173
Customer Choice													
alternative suppliers	(see above)								(see above)		From Others		
per contract													
Transportation													
(volumetric charges in \$/Mcf)													
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00			0.0000		0.1438		1.0285		From Others		
ST Optional Maximum Rate		0.00			0.0000		0.1438		1.5428		per contract		
ST Optional Minimum Rate		0.00			0.0000		0.1438		0.5143		per contract		
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00			0.0000		0.0047		1.0285		per contract		
ST Optional Maximum Rate		0.00			0.0000		0.0047		1.5428		per contract		
ST Optional Minimum Rate		0.00			0.0000		0.0047		0.5143		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00			0.0000		0.1438		0.6728		per contract		
LT Optional Maximum Rate		0.00			0.0000		0.1438		1.0092		per contract		
LT Optional Minimum Rate		0.00			0.0000		0.1438		0.3364		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00			0.0000		0.0047		0.6728		per contract		
LT Optional Maximum Rate		0.00			0.0000		0.0047		1.0092		per contract		
LT Optional Minimum Rate		0.00			0.0000		0.0047		0.3364		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00			0.0000		0.1438		0.5250		per contract		
XLT Optional Maximum Rate		0.00			0.0000		0.1438		0.7876		per contract		
XLT Optional Minimum Rate		0.00			0.0000		0.1438		0.2625		per contract		
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00			0.0000		0.0047		0.5250		per contract		
XLT Optional Maximum Rate		0.00			0.0000		0.0047		0.7876		per contract		
XLT Optional Minimum Rate		0.00			0.0000		0.0047		0.2625		per contract		
XLT Remote Meter Charge	70.00	0.00			0.0000						per contract		
OTHER													
(\$/month)													
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	11.00										includes gas		
2.6 to 4.5 CF/Hr	19.00										includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2017 Consumers will pay the Energy Efficiency Program Surcharge per U-18025

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase Residual Balance Reconciliation (Case No. U-17505). Effective for the August 2016 Billing Month.

Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed

Note 7: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 8: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY											January 1, 2017	
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge	
		See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3	see note 4				
(volumetric charges in \$/Ccf metered)												
RESIDENTIAL SERVICE												
Sales												
Residential Service - Rate A (old 2) (Note 2)	11.25	0.00	0.35	0.00	0.00	0.00000	0.0145	0.32707	0.02800	0.35400	0.72357	
Residential Multi Family Rate 2A Class 1	11.25	0.00	1.87	0.00	0.00	0.00000	0.01326	0.32707	0.02800	0.35400	0.72233	
Residential Multi Family Rate 2A Class 2	31.00	0.00	1.87	0.00	0.00	0.00000	0.01326	0.32707	0.02800	0.35400	0.72233	
Customer Choice												
alternative suppliers	(see above)							(see above)	0.02800	From Others	per contract	
COMMERCIAL & INDUSTRIAL SERVICE												
	(\$/month)									(volumetric charges in \$/Mcf metered)		
Sales												
Rate GS-1	31.00	0.00	1.27	0.00	0.00	0.00000	0.1326	2.8473	0.28000	3.5400	6.7999	
Rate GS-2 (<100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.1326	2.3682	0.28000	3.5400	6.3208	
Rate GS-2 (>100,000 Mcf)	590.00		1.27	0.00	0.00	0.00000	0.0141	2.3682	0.28000	3.5400	6.2023	
Rate S	200.00	0.00	14.67	0.00	0.00	0.00000	0.1326	1.9181	0.28000	3.5400	5.8707	
Customer Choice												
alternative suppliers	(see above)							(see above)		From Others	per contract	
Transportation												
Rate ST (cost based rate)	2330.00		57.46	0.00	0.00	0.00000	0.0141	0.9404		From Others	per contract	
Maximum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141	1.6508			per contract	
Minimum (optional)	2330.00		57.46	0.00	0.00	0.00000	0.0141	0.2300			per contract	
Rate LT (cost based rate)	4250.00		269.07	0.00	0.00	0.00000	0.0141	0.6846			per contract	
Maximum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141	1.1392			per contract	
Minimum (optional)	4250.00		269.07	0.00	0.00	0.00000	0.0141	0.2300			per contract	
Rate XLT (cost based rate)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.5517			per contract	
Maximum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.9234			per contract	
Minimum (optional)	10500.00		1767.24	0.00	0.00	0.00000	0.0141	0.1800			per contract	
Rate XXL (cost based rate)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.1707			per contract	
Maximum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.9234			per contract	
Minimum (optional)	125000.00		11002.00	0.00	0.00	0.00000	0.0141	0.0500			per contract	
EUT Exploratory Program							0.008					
Rate XLT/XXLT-Remote Meter Charge	25.00											
Unauthorized Gas Usage Charge								10.0000				
Load Balancing Storage Charge								0.25/MMBtu				
Note 1: Effective January 2017, customers pay the IRM surcharge per U-17999. Changes each July 1st												
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round												
Note 3: Effective January 1, 2017 to December 31, 2017, customers will pay the EO surcharge.												
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131												
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214												
Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998 - Removed												
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - Removed												
Note 8: Self implementation rate increase is implemented on a service rendered basis effective November 1, 2016 per U-17999 - Removed												
Rates at utilities.dteenergy.com (PDF version)												
My.dteenergy.com for understanding your bill												
Rates Reference:	see	Rate Books		for more details								

SEMCO ENERGY GAS COMPANY

January 1, 2017

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01528	0.17342	+(0.27500	+ 0.07900	= 0.35400	)= 0.54270	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07900			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0774	1.8203	+(2.75000	+ 0.7900	+ 3.5400	)= 6.43770	
	(>9 Dth)			0.0001	1.8203	2.75000	0.7900	3.5400	5.36040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0774	1.3932	+(2.75000	+ 0.7900	+ 3.5400	)= 6.01060	
	(>9 Dth)			0.0001	1.3932	2.75000	0.7900	3.5400	4.93330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0774	1.0985	+(2.75000	+ 0.7900	+ 3.5400	)= 5.71590	
	(>9 Dth)			0.0001	1.0985	2.75000	0.7900	3.5400	4.63860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.79000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0585	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0585	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0585	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2017, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18179.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2017

UPPER MICHIGAN ENERGY RESOURCES CORPORATION (UMERC)

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service					
Year-Round	5.00	0.09994	+	0.40359	= 0.50353
Seasonal	10.00	0.09994	+	0.40359	= 0.50353
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm Comm. & Industrial					
Small	9.89	0.8514	+	4.0359	= 4.8873
Small Seasonal	19.78	0.8514	+	4.0359	= 4.8873
Large	102.68	0.6214	+	4.0359	= 4.6573
Rates Reference:	see	Rate Books	for more details		

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service					
Year-Round	12.00	0.37424		0.4941	0.8683
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Firm Comm & Industrial					
Small	17.00	2.5629		4.9410	7.5039
Large	188.00	1.9383		4.9410	6.8793

XCEL ENERGY

	Customer Charge*	Distribution Charge*		GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility	
Residential Service	8.00	0.19850	+	0.37256	= 0.57106
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility	
Firm (302)	23.65	1.3000	+	3.7256	= 5.0256
Firm (304)	218.83	1.3000	+	3.7256	= 5.0256
Interruptible (303)	75.00	0.5600	+	3.7256	= 4.2856
	Customer Charge	Meter Charge		Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)	\$/Dth
Firm	75.65	25.00		25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.8734	2.8734	/Mcf U-17943
DTE Gas Company	<i>Decrease</i>	3.4700	3.4700	/Mcf U-17691
Michigan Gas Utilities Corp	<i>Increase</i>	3.4646	3.4646	/Mcf U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410	/Mcf U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.5400	3.5621	/Dth U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Unchanged</i>	3.8929	3.8929	/Dth U-17650
Xcel Energy	<i>Unchanged</i>	3.5315	3.3050	/Dth U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2016

Calendar Year of GCR Factors

	Jul-16 \$/unit	Aug-16 \$/unit	Sep-16 \$/unit	Oct-16 \$/unit	Nov-16 \$/unit	Dec-16 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	2.8507	3.0165	2.9951	2.9546	3.0357	2.8734	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	2.8734	3.0357	2.9951	2.9546	3.0357	2.8734	/Mcf
DTE Gas Company							
- As Currently Billed	3.4400	3.5100	3.5100	3.5100	3.5100	3.4700	/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.4400	3.5100	3.5100	3.5100	3.5100	3.4700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.4968	3.5944	3.5944	3.3607	3.5468	3.4646	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	3.4968	3.5944	3.5944	3.3607	3.6205	3.4646	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.9410	4.9410	4.9410	4.9410	4.9410		/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.9410	4.9410		/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.5103	3.7000	3.7000	3.6500	3.5621	3.5400	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	3.5248	3.7028	3.7028	3.6583	3.5621	3.5621	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	3.1890	3.5851	3.2358	3.4945	3.8929	3.8929	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	3.8929	3.8929	/Dth
Xcel Energy							
- As Currently Billed	3.4021	3.4021	3.4021	3.5351	3.5351	3.5351	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	3.3050	3.3050	3.3050	3.3050	3.3050	3.5351	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.28734 =	0.58623	\$70.37	-2%
DTE Gas Company	12.72	0.35549	+ 0.34700 =	0.70249	\$82.97	15%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.34646 =	0.53305	\$66.30	-8%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4941 =	0.86834	\$98.83	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20191	+ 0.35400 =	0.55591	\$68.70	-5%
Wisconsin Public Service Corp	5.00	0.09994	+ 0.38929 =	0.48923	\$53.92	-25%
Xcel Energy	8.00	0.19850	+ 0.35315 =	0.55165	\$63.17	-12%
AVERAGE RATE	10.80	0.24508	+ 0.36733 =	0.53586	\$72.04	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY										December 1, 2016	
	Customer Charge	LIEEF see note 7	RDM Surcharge see note 8	IRI Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	GCR Factor	Total Vol Charge			
RESIDENTIAL SERVICE		(\$/month)			(volumetric charges in \$/ccf)						
Sales							From Utility				
Rate A	11.75	0.00	+ 0.00	0.00000	+ 0.01952	+ 0.27937	0.28734	=	0.58623		
Rate A-1 Residential Multi-Family	11.75	0.00	+ 0.00	0.00000	+ 0.01952	+ 0.27937	0.28734	=	0.58623		
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)											
Customer Choice							From Others				
alternative suppliers	11.75				0.01952	0.27937	per contract				
										* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)			(volumetric charges in \$/ccf)						
Sales							From Utility				
General Service - Rate GS-1	13.58	0.00	0.00	0.0000	+ 0.141	+ 2.52500	2.8734	=	5.5394		
General Service - Rate GS-2	21.65	0.00	0.00	0.0000	+ 0.141	+ 2.27440	2.8734	=	5.2888		
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		0.0000	+ 0.141	+ 1.18110	2.8734	=	4.1955		
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		0.0000	+ 0.0046	+ 1.18110	2.8734	=	4.0591		
Customer Choice							From Others				
alternative suppliers	(see above)					(see above)	per contract				
Transportation					(volumetric charges in \$/Mcf)		From Others				
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.0000	0.141	1.0285	per contract				
ST Optional Maximum Rate		0.00		0.0000	0.141	1.5428	per contract				
ST Optional Minimum Rate		0.00		0.0000	0.141	0.5143	per contract				
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0000	0.0046	1.0285	per contract				
ST Optional Maximum Rate		0.00		0.0000	0.0046	1.5428	per contract				
ST Optional Minimum Rate		0.00		0.0000	0.0046	0.5143	per contract				
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.0000	0.141	0.6728	per contract				
LT Optional Maximum Rate		0.00		0.0000	0.141	1.0092	per contract				
LT Optional Minimum Rate		0.00		0.0000	0.141	0.3364	per contract				
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0000	0.0046	0.6728	per contract				
LT Optional Maximum Rate		0.00		0.0000	0.0046	1.0092	per contract				
LT Optional Minimum Rate		0.00		0.0000	0.0046	0.3364	per contract				
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.0000	0.141	0.5250	per contract				
XLT Optional Maximum Rate		0.00		0.0000	0.141	0.7876	per contract				
XLT Optional Minimum Rate		0.00		0.0000	0.141	0.2625	per contract				
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0000	0.0046	0.5250	per contract				
XLT Optional Maximum Rate		0.00		0.0000	0.0046	0.7876	per contract				
XLT Optional Minimum Rate		0.00		0.0000	0.0046	0.2625	per contract				
XLT Remote Meter Charge	70.00	0.00		0.0000			per contract				
OTHER		(\$/month)									
Outdoor Gas Light - Rate GL											
up to 2.5 CF/Hr	11.00						includes gas				
2.6 to 4.5 CF/Hr	19.00						includes gas				
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.											
Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771											
Note 3: New rates effective on and after April 22, 2016 per U-17882											
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed											
Note 5: Interim Rate Increase Residual Balance Reconciliation (Case No. U-17505). Effective for the August 2016 Billing Month.											
Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed											
Note 7: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed											
Note 8: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077											
Customer Attachment Program surcharges are in addition to rates above											
Understanding your bill at Consumersenergy.com											
Rates Reference: see Rate Books											

DTE GAS COMPANY										December 1, 2016	
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge
	See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3	see note 4				
								(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE											
Sales										From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.37	2.22	0.00	0.00	0.06440	0.01367 +	0.24942 +	0.02800 +	0.34700 =	0.70249
Residential Multi Family Rate 2A Class 1	10.50	-4.70	9.23	0.00	0.00	0.05304 +	0.01289 +	0.24942 +	0.02800 +	0.34700 =	0.69035
Residential Multi Family Rate 2A Class 2	26.20	18.33	9.23	0.00	0.00	0.04924	0.01289 +	0.24942 +	0.02800 +	0.34700 =	0.68655
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.37	2.22	0.00	0.00	0.06440	0.01367 +	0.24942 +		0.34700 =	0.67449
Customer Choice										From Others	
alternative suppliers	(see above)							(see above) +	0.02800 +	per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)										
								(volumetric charges in \$/Mcf metered)			
Sales										From Utility	
Rate GS-1	26.20	8.11	6.33	0.00	0.00	0.05561	0.1289 +	2.4821 +	0.28000 +	3.4700 =	6.4166
Rate GS-2 (<100,000 Mcf)	590.00		6.33	0.00	0.00	0.04414	0.1289 +	1.9995 +	0.28000 +	3.4700 =	5.9225
Rate GS-2 (>100,000 Mcf)	590.00		6.33	0.00	0.00	0.04414	0.014 +	1.9995 +	0.28000 +	3.4700 =	5.8076
Rate S	200.00	-114.64	69.45	0.00	0.00	0.03531	0.1289 +	1.5968 +	0.28000 +	3.4700 =	5.5110
Customer Choice										From Others	
alternative suppliers	(see above)							(see above)		per contract	
Transportation										From Others	
Rate ST (cost based rate)	2030.00		384.61	0.00	0.00	0.02582	0.014	0.7959		per contract	
Maximum (optional)	2030.00		384.61	0.00	0.00	0.02582	0.014	1.3618		per contract	
Minimum (optional)	2030.00		384.61	0.00	0.00	0.02582	0.014	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00	0.00	0.01438	0.014	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00	0.00	0.01438	0.014	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00	0.00	0.01438	0.014	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00	0.00	0.01003	0.014	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00	0.00	0.01003	0.014	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00	0.00	0.01003	0.014	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00	0.00	0.00540	0.014	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00	0.00	0.00540	0.014	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00	0.00	0.00540	0.014	0.0500		per contract	
EUT Exploratory Program							0.0079				
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge								10.0000			
Load Balancing Storage Charge								0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998 Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED Note 8: Self implementation rate increase is implemented on a service rendered basis effective November 1, 2016 per U-17999 Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

SEMCO ENERGY GAS COMPANY

December 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.02849	0.17342	+(0.27600	+ 0.07800	= 0.35400	)= 0.55591	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07800			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3671	1.8203	+(2.76000	+ 0.7800	+ 3.5400	)= 7.72740	
	(>9 Dth)			0.0001	1.8203	2.76000	0.7800	3.5400	5.36040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3671	1.3932	+(2.76000	+ 0.7800	+ 3.5400	)= 7.30030	
	(>9 Dth)			0.0001	1.3932	2.76000	0.7800	3.5400	4.93330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3671	1.0985	+(2.76000	+ 0.7800	+ 3.5400	)= 7.00560	
	(>9 Dth)			0.0001	1.0985	2.76000	0.7800	3.5400	4.63860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.78000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0956	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0956	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0956	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after August 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18016.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09994	+ 0.38929	= 0.48923
Seasonal	10.00	0.09994	+ 0.38929	= 0.48923
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.8929	= 4.7443
Small Seasonal	19.78	0.8514	+ 3.8929	= 4.7443
Large	102.68	0.6214	+ 3.8929	= 4.5143
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.37424	0.4941	0.8683
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	2.5629	4.9410	7.5039
Large	188.00	1.9383	4.9410	6.8793

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.19850	+ 0.35315	= 0.55165
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	23.65	1.3000	+ 3.5315	= 4.8315
Firm (304)	218.83	1.3000	+ 3.5315	= 4.8315
Interruptible (303)	75.00	0.5600	+ 3.5315	= 4.0915
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.0357	3.0357 /Mcf	U-17943
DTE Gas Company	<i>Unchanged</i>	3.5100	3.5100 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Increase</i>	3.5468	3.6205 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.5621	3.5621 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	3.8929	3.8929 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	3.5315	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2016

Calendar Year of GCR Factors

	Jul-16 \$/unit	Aug-16 \$/unit	Sep-16 \$/unit	Oct-16 \$/unit	Nov-16 \$/unit	Dec-16 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.8507	3.0165	2.9951	2.9546	3.0357	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	2.8734	3.0357	2.9951	2.9546	3.0357	/Mcf
DTE Gas Company						
- As Currently Billed	3.4400	3.5100	3.5100	3.5100	3.5100	/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.4400	3.5100	3.5100	3.5100	3.5100	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.4968	3.5944	3.5944	3.3607	3.5468	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	3.4968	3.5944	3.5944	3.3607	3.6205	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410	4.9410	4.9410	4.9410	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5103	3.7000	3.7000	3.6500	3.5621	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	3.5248	3.7028	3.7028	3.6583	3.5621	/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	3.1890	3.5851	3.2358	3.4945	3.8929	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	3.8929	/Dth
Xcel Energy						
- As Currently Billed	3.4021	3.4021	3.4021	3.5351	3.5351	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	3.3050	3.3050	3.3050	3.3050	3.3050	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.30357	= 0.60246	\$72.00	-1%
DTE Gas Company	12.72	0.35549	+ 0.35100	= 0.70649	\$83.37	15%
Michigan Gas Utilities Corp	13.00	0.18659	+ 0.35468	= 0.54127	\$67.13	-7%
Presque Isle E. & G. Coop.	12.00	0.3742	+ 0.4941	= 0.86834	\$98.83	36%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20191	+ 0.35621	= 0.55812	\$68.92	-5%
Wisconsin Public Service Corp	5.00	0.09994	+ 0.38929	= 0.48923	\$53.92	-26%
Xcel Energy	8.00	0.19850	+ 0.35315	= 0.55165	\$63.17	-13%
AVERAGE RATE	10.80	0.24508	+ 0.37171	= 0.53969	\$72.48	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY											November 1, 2016		
	Customer Charge	see note 7 LIEEF	+	RDM Surcharge see note 8	+	IRI Surcharge see note 5	+	Energy Efficiency Charge see note 2	+	Distribution Charge see note 3	GCR Factor	=	Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)					(volumetric charges in \$/ccf)						
Sales		From Utility											
Rate A	11.75	0.00	+	0.00	+	0.00000	+	0.01952	+	0.27937	0.30357	=	0.60246
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	+	0.00000	+	0.01952	+	0.27937	0.30357	=	0.60246
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)													
Customer Choice		From Others											
alternative suppliers	11.75						0.01952	0.27937	per contract + including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)					(volumetric charges in \$/ccf)						
Sales		From Utility											
General Service - Rate GS-1	13.58	0.00		0.00	+	0.0000	+	0.141	+	2.52500	3.0357	=	5.7017
General Service - Rate GS-2	21.65	0.00		0.00	+	0.0000	+	0.141	+	2.27440	3.0357	=	5.4511
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00			+	0.0000	+	0.141	+	1.18110	3.0357	=	4.3578
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00			+	0.0000	+	0.0046	+	1.18110	3.0357	=	4.2214
Customer Choice		From Others											
alternative suppliers	(see above)						(see above)	per contract					
Transportation		From Others											
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00				0.0000		0.141		1.0285	per contract		
ST Optional Maximum Rate		0.00				0.0000		0.141		1.5428	per contract		
ST Optional Minimum Rate		0.00				0.0000		0.141		0.5143	per contract		
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00				0.0000		0.0046		1.0285	per contract		
ST Optional Maximum Rate		0.00				0.0000		0.0046		1.5428	per contract		
ST Optional Minimum Rate		0.00				0.0000		0.0046		0.5143	per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00				0.0000		0.141		0.6728	per contract		
LT Optional Maximum Rate		0.00				0.0000		0.141		1.0092	per contract		
LT Optional Minimum Rate		0.00				0.0000		0.141		0.3364	per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00				0.0000		0.0046		0.6728	per contract		
LT Optional Maximum Rate		0.00				0.0000		0.0046		1.0092	per contract		
LT Optional Minimum Rate		0.00				0.0000		0.0046		0.3364	per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00				0.0000		0.141		0.5250	per contract		
XLT Optional Maximum Rate		0.00				0.0000		0.141		0.7876	per contract		
XLT Optional Minimum Rate		0.00				0.0000		0.141		0.2625	per contract		
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00				0.0000		0.0046		0.5250	per contract		
XLT Optional Maximum Rate		0.00				0.0000		0.0046		0.7876	per contract		
XLT Optional Minimum Rate		0.00				0.0000		0.0046		0.2625	per contract		
XLT Remote Meter Charge	70.00	0.00				0.0000					per contract		
OTHER		(\$/month)											
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	11.00										includes gas		
2.6 to 4.5 CF/Hr	19.00										includes gas		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.													
Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771													
Note 3: New rates effective on and after April 22, 2016 per U-17882													
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed													
Note 5: Interim Rate Increase Residual Balance Reconciliation (Case No. U-17505). Effective for the August 2016 Billing Month.													
Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed													
Note 7: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed													
Note 8: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077													
Customer Attachment Program surcharges are in addition to rates above													
Understanding your bill at Consumersenergy.com													
Rates Reference:		see	Rate Books										

MICHIGAN GAS UTILITIES CORP.										November 1, 2016		
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	see note 2	see note 1	see note 3	see note 4	(volumetric charges in \$/Ccf metered)						
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	13.00	0.000000	0.01624	0.003739	0.00790	0.15871	+(0.27200	+ 0.08268	= 0.35468	)=	0.54127
Gas Light Rate-Residential						0.15871	+(0.27200	+ 0.08268	= 0.35468	)=	0.51339
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge				
							+ per contract	+ 0.08268				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales												
Small General Service	35.00	0.000000	4.39	0.003834	0.07900	1.58700	+(2.7200	+ 0.8268	= 3.5468	)=	5.21280
Large General Service	425.00	0.000000	109.03		0.07900	1.03220	+(2.7200	+ 0.8268	= 3.5468	)=	4.65800
GasLight Rate-Commercial			8.73		0.07900	1.58700	+(2.7200	+ 0.8268	= 3.5468	)=	5.21280
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge				
							+ per contract	+ 0.82680				
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation		see note 2										
		\$/mo										
TR-1	850.00	0.000000	39.65			0.7777	0.6277					
TR-2	2,250.00	0.000000	118.77			0.4796	0.3296					
TR-3	3,050.00	0.000000	523.83			0.4651	0.3151					
Note 1: Effective for bills rendered on and After August 1, 2016 issued Under Authority of the Michigan Public Service Commission Order Dated July 22, 2016 In Case No: U-18015												
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.												
Note 3: Effective for service rendered on November 1, 2016 through October 31, 2017. Revenue Decoupling Mechanism adjustment per U-18051												
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books												

DTE GAS COMPANY											November 1, 2016
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	SI Rate Increase	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge
		See note 6	See note 1 (\$/month)	see note 5	see note 7	See note 8	see note 3		see note 4		
								(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE											
Sales										From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.37	2.22	0.00	0.00	0.06440	0.01367	+	0.24942	+	0.35100 = 0.70649
Residential Multi Family Rate 2A Class 1	10.50	-4.70	9.23	0.00	0.00	0.05304	0.01289	+	0.24942	+	0.35100 = 0.69435
Residential Multi Family Rate 2A Class 2	26.20	18.33	9.23	0.00	0.00	0.04924	0.01289	+	0.24942	+	0.35100 = 0.69055
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.37	2.22	0.00	0.00	0.06440	0.01367	+	0.24942	+	0.35100 = 0.67849
Customer Choice										From Others	
alternative suppliers	(see above)							(see above)	+	0.02800	+ per contract
COMMERCIAL & INDUSTRIAL SERVICE											
											(volumetric charges in \$/Mcf metered)
Sales										From Utility	
Rate GS-1	26.20	8.11	6.33	0.00	0.00	0.05561	0.1289	+	2.4821	+	0.28000 + 3.5100 = 6.4566
Rate GS-2 (<100,000 Mcf)	590.00		6.33	0.00	0.00	0.04414	0.1289	+	1.9995	+	0.28000 + 3.5100 = 5.9625
Rate GS-2 (>100,000 Mcf)	590.00		6.33	0.00	0.00	0.04414	0.014	+	1.9995	+	0.28000 + 3.5100 = 5.8476
Rate S	200.00	-114.64	69.45	0.00	0.00	0.03531	0.1289	+	1.5968	+	0.28000 + 3.5100 = 5.5510
Customer Choice										From Others	
alternative suppliers	(see above)							(see above)			per contract
Transportation										From Others	
Rate ST (cost based rate)	2030.00		384.61	0.00	0.00	0.02582	0.014		0.7959		per contract
Maximum (optional)	2030.00		384.61	0.00	0.00	0.02582	0.014		1.3618		per contract
Minimum (optional)	2030.00		384.61	0.00	0.00	0.02582	0.014		0.2300		per contract
Rate LT (cost based rate)	3660.00		500.00	0.00	0.00	0.01438	0.014		0.6001		per contract
Maximum (optional)	3660.00		500.00	0.00	0.00	0.01438	0.014		0.9702		per contract
Minimum (optional)	3660.00		500.00	0.00	0.00	0.01438	0.014		0.2300		per contract
Rate XLT (cost based rate)	9100.00		500.00	0.00	0.00	0.01003	0.014		0.5068		per contract
Maximum (optional)	9100.00		500.00	0.00	0.00	0.01003	0.014		0.8336		per contract
Minimum (optional)	9100.00		500.00	0.00	0.00	0.01003	0.014		0.1800		per contract
Rate XXLT (cost based rate)	120000.00		500.00	0.00	0.00	0.00540	0.014		0.1652		per contract
Maximum (optional)	120000.00		500.00	0.00	0.00	0.00540	0.014		0.8336		per contract
Minimum (optional)	120000.00		500.00	0.00	0.00	0.00540	0.014		0.0500		per contract
EUT Exploratory Program							0.0079				
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge									10.0000		
Load Balancing Storage Charge									0.25/MMBtu		
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998 Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED Note 8: Self implementation rate increase is implemented on a service rendered basis effective November 1, 2016 per U-17999											
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill											
Rates Reference:	see		Rate Books								for more details

SEMCO ENERGY GAS COMPANY

November 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.02849	0.17342	+(0.27639	+ 0.07982	= 0.35621	)= 0.55812	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07982			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales		(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3671	1.8203	+(2.76390	+ 0.7982	+ 3.5621	)= 7.74950	
	(>9 Dth)			0.0001	1.8203	2.76390	0.7982	3.5621	5.38250	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3671	1.3932	+(2.76390	+ 0.7982	+ 3.5621	)= 7.32240	
	(>9 Dth)			0.0001	1.3932	2.76390	0.7982	3.5621	4.95540	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3671	1.0985	+(2.76390	+ 0.7982	+ 3.5621	)= 7.02770	
	(>9 Dth)			0.0001	1.0985	2.76390	0.7982	3.5621	4.66070	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.79820			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0956	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0956	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0956	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after August 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18016.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09994	+ 0.38929	= 0.48923
Seasonal	10.00	0.09994	+ 0.38929	= 0.48923
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.8929	= 4.7443
Small Seasonal	19.78	0.8514	+ 3.8929	= 4.7443
Large	102.68	0.6214	+ 3.8929	= 4.5143
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.37424	0.4941	0.8683
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	2.5629	4.9410	7.5039
Large	188.00	1.9383	4.9410	6.8793

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.19850	+ 0.35315	= 0.55165
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	23.65	1.3000	+ 3.5315	= 4.8315
Firm (304)	218.83	1.3000	+ 3.5315	= 4.8315
Interruptible (303)	75.00	0.5600	+ 3.5315	= 4.0915
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.9546	2.9546	/Mcf U-17943
DTE Gas Company	<i>Unchanged</i>	3.5100	3.5100	/Mcf U-17691
Michigan Gas Utilities Corp	<i>Decrease</i>	3.3607	3.3607	/Mcf U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410	/Mcf U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.6500	3.6583	/Dth U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.4945	4.2095	/Dth U-17650
Xcel Energy	<i>Increase</i>	3.5315	3.3050	/Dth U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2016

Calendar Year of GCR Factors

	Jul-16 \$/unit	Aug-16 \$/unit	Sep-16 \$/unit	Oct-16 \$/unit	Nov-16 \$/unit	Dec-16 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.8507	3.0165	2.9951	2.9546		/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	2.8734	3.0357	2.9951	2.9546		/Mcf
DTE Gas Company						
- As Currently Billed	3.4400	3.5100	3.5100	3.5100		/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.4400	3.5100	3.5100	3.5100		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.4968	3.5944	3.5944	3.3607		/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	3.4968	3.5944	3.5944	3.3607		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410	4.9410	4.9410		/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.9410	4.9410	4.9410	4.9410		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5103	3.7000	3.7000	3.6500		/Dth
<u>-U-17333 - As Filed or as Ordered</u>	3.5248	3.7028	3.7028	3.6583		/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	3.1890	3.5851	3.2358	3.4945		/Dth
<u>-U-17279 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095		/Dth
Xcel Energy						
- As Currently Billed	3.4021	3.4021	3.4021	3.5351		/Dth
<u>-U-17335 - As Filed or as Ordered</u>	3.3050	3.3050	3.3050	3.3050		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.29546	= 0.59435	\$71.19	-1%
DTE Gas Company	12.72	0.29109	+ 0.35100	= 0.64209	\$76.93	7%
Michigan Gas Utilities Corp	13.00	0.18285	+ 0.33607	= 0.51892	\$64.89	-10%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941	= 0.94850	\$106.85	49%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20191	+ 0.36500	= 0.56691	\$69.80	-3%
Wisconsin Public Service Corp	5.00	0.09994	+ 0.34945	= 0.44939	\$49.94	-30%
Xcel Energy	8.00	0.19850	+ 0.35315	= 0.55165	\$63.17	-12%
AVERAGE RATE	10.80	0.24680	+ 0.36346	= 0.53398	\$71.82	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY										October 1, 2016	
	Customer Charge	LIEEF see note 7	RDM Surcharge see note 8	IRI Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	GCR Factor	Total Vol Charge			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/ccf)					
Sales						From Utility					
Rate A	11.75	0.00	+	0.00	0.00000	+	0.01952	+	0.27937	0.29546 = 0.59435	
Rate A-1 Residential Multi-Family	11.75	0.00	+	0.00	0.00000	+	0.01952	+	0.27937	0.29546 = 0.59435	
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)											
Customer Choice						From Others					
alternative suppliers	11.75					0.01952	0.27937		per contract * including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/ccf)					
Sales						From Utility					
General Service - Rate GS-1	13.58	0.00		0.00	0.0000	+	0.141	+	2.52500	2.9546 = 5.6206	
General Service - Rate GS-2	21.65	0.00		0.00	0.0000	+	0.141	+	2.27440	2.9546 = 5.3700	
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00			0.0000	+	0.141	+	1.18110	2.9546 = 4.2767	
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00			0.0000	+	0.0046	+	1.18110	2.9546 = 4.1403	
Customer Choice						From Others					
alternative suppliers	(see above)					(see above)		per contract			
Transportation						(volumetric charges in \$/Mcf)		From Others			
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.0000	0.141	1.0285		per contract			
ST Optional Maximum Rate		0.00		0.0000	0.141	1.5428		per contract			
ST Optional Minimum Rate		0.00		0.0000	0.141	0.5143		per contract			
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0000	0.0046	1.0285		per contract			
ST Optional Maximum Rate		0.00		0.0000	0.0046	1.5428		per contract			
ST Optional Minimum Rate		0.00		0.0000	0.0046	0.5143		per contract			
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.0000	0.141	0.6728		per contract			
LT Optional Maximum Rate		0.00		0.0000	0.141	1.0092		per contract			
LT Optional Minimum Rate		0.00		0.0000	0.141	0.3364		per contract			
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0000	0.0046	0.6728		per contract			
LT Optional Maximum Rate		0.00		0.0000	0.0046	1.0092		per contract			
LT Optional Minimum Rate		0.00		0.0000	0.0046	0.3364		per contract			
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.0000	0.141	0.5250		per contract			
XLT Optional Maximum Rate		0.00		0.0000	0.141	0.7876		per contract			
XLT Optional Minimum Rate		0.00		0.0000	0.141	0.2625		per contract			
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0000	0.0046	0.5250		per contract			
XLT Optional Maximum Rate		0.00		0.0000	0.0046	0.7876		per contract			
XLT Optional Minimum Rate		0.00		0.0000	0.0046	0.2625		per contract			
XLT Remote Meter Charge	70.00	0.00		0.0000						per contract	
OTHER		(\$/month)									
Outdoor Gas Light - Rate GL											
up to 2.5 CF/Hr	11.00					includes gas					
2.6 to 4.5 CF/Hr	19.00					includes gas					
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.											
Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771											
Note 3: New rates effective on and after April 22, 2016 per U-17882											
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed											
Note 5: Interim Rate Increase Residual Balance Reconciliation (Case No. U-17505). Effective for the August 2016 Billing Month.											
Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed											
Note 7: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed											
Note 8: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077											
<u>Customer Attachment Program</u> surcharges are in addition to rates above											
<u>Understanding your bill at Consumersenergy.com</u>											
Rates Reference:	see	<u>Rate Books</u>									

DTE GAS COMPANY											October 1, 2016					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge					
		See note 6 (\$/month)	See note 1	see note 5	see note 7	See note 6	see note 3		see note 4							
								(volumetric charges in \$/Ccf metered)								
RESIDENTIAL SERVICE																
Sales																
Residential Service - Rate A (old 2) (Note 2)	10.50	0.37	2.22	0.00	0.00		0.01367	+	0.24942	+	0.02800	+	0.35100	=	0.64209	
Residential Multi Family Rate 2A Class 1	10.50	-4.70	9.23	0.00	0.00	0.00	+	0.01289	+	0.24942	+	0.02800	+	0.35100	=	0.64131
Residential Multi Family Rate 2A Class 2	26.20	18.33	9.23	0.00	0.00		0.01289	+	0.24942	+	0.02800	+	0.35100	=	0.64131	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.37	2.22	0.00	0.00		0.01367	+	0.24942	+		+	0.35100	=	0.61409	
Customer Choice																
alternative suppliers	(see above)							(see above)	+	0.02800	+		per contract			
COMMERCIAL & INDUSTRIAL SERVICE																
	(\$/month)															
Sales																
Rate GS-1	26.20	8.11	6.33	0.00	0.00		0.1289	+	2.4821	+	0.28000	+	3.5100	=	6.4010	
Rate GS-2 (<100,000 Mcf)	590.00		6.33	0.00	0.00		0.1289	+	1.9995	+	0.28000	+	3.5100	=	5.9184	
Rate GS-2 (>100,000 Mcf)	590.00		6.33	0.00	0.00		0.014	+	1.9995	+	0.28000	+	3.5100	=	5.8035	
Rate S	200.00	-114.64	69.45	0.00	0.00		0.1289	+	1.5968	+	0.28000	+	3.5100	=	5.5157	
Customer Choice																
alternative suppliers	(see above)							(see above)					per contract			
Transportation																
Rate ST (cost based rate)	2030.00		384.61	0.00	0.00		0.014		0.7959				From Others			
Maximum (optional)	2030.00		384.61	0.00	0.00		0.014		1.3618				per contract			
Minimum (optional)	2030.00		384.61	0.00	0.00		0.014		0.2300				per contract			
Rate LT (cost based rate)	3660.00		500.00	0.00	0.00		0.014		0.6001				per contract			
Maximum (optional)	3660.00		500.00	0.00	0.00		0.014		0.9702				per contract			
Minimum (optional)	3660.00		500.00	0.00	0.00		0.014		0.2300				per contract			
Rate XLT (cost based rate)	9100.00		500.00	0.00	0.00		0.014		0.5068				per contract			
Maximum (optional)	9100.00		500.00	0.00	0.00		0.014		0.8336				per contract			
Minimum (optional)	9100.00		500.00	0.00	0.00		0.014		0.1800				per contract			
Rate XXLT (cost based rate)	120000.00		500.00	0.00	0.00		0.014		0.1652				per contract			
Maximum (optional)	120000.00		500.00	0.00	0.00		0.014		0.8336				per contract			
Minimum (optional)	120000.00		500.00	0.00	0.00		0.014		0.0500				per contract			
EUT Exploratory Program							0.0079									
Rate XLT/XXLT-Remote Meter Charge	100.00															
Unauthorized Gas Usage Charge									10.0000							
Load Balancing Storage Charge									0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st																
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round																
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.																
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131																
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214																
Note 6: RDM credit/surcharge effective October 1 - December 31, 2016 per U-17998																
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED																
Rates at utilities.dteenergy.com (PDF version)																
My dteenergy.com for understanding your bill																
Rates Reference: see Rate Books for more details																

SEMCO ENERGY GAS COMPANY

October 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.02849	0.17342	+(0.27200	+ 0.09300	= 0.36500	)= 0.56691	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.09300			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3671	1.8203	+(2.72000	+ 0.9300	+ 3.6500	)= 7.83740	
	(>9 Dth)			0.0001	1.8203	2.72000	0.9300	3.6500	5.47040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3671	1.3932	+(2.72000	+ 0.9300	+ 3.6500	)= 7.41030	
	(>9 Dth)			0.0001	1.3932	2.72000	0.9300	3.6500	5.04330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3671	1.0985	+(2.72000	+ 0.9300	+ 3.6500	)= 7.11560	
	(>9 Dth)			0.0001	1.0985	2.72000	0.9300	3.6500	4.74860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.93000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0956	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0956	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0956	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after August 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18016.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09994	+	0.34945 = 0.44939
Seasonal	10.00	0.09994	+	0.34945 = 0.44939
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.89	0.8514	+	3.4945 = 4.3459
Small Seasonal	19.78	0.8514	+	3.4945 = 4.3459
Large	102.68	0.6214	+	3.4945 = 4.1159
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.4941 = 0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		4.9410 = 8.1440
Large	188.00	2.3360		4.9410 = 7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.19850	+	0.35315 = 0.55165
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	23.65	1.3000	+	3.5315 = 4.8315
Firm (304)	218.83	1.3000	+	3.5315 = 4.8315
Interruptible (303)	75.00	0.5600	+	3.5315 = 4.0915
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](http://Rate%20Information%20at%20xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18020. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.9951	2.9951 /Mcf	U-17943
DTE Gas Company	<i>Unchanged</i>	3.5100	3.5100 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.5944	3.5944 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.7000	3.7028 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.2358	4.2095 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	3.4021	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2016

Calendar Year of GCR Factors

	Jul-16 \$/unit	Aug-16 \$/unit	Sep-16 \$/unit	Oct-16 \$/unit	Nov-16 \$/unit	Dec-16 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.8507	3.0165	2.9951			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	2.8734	3.0357	2.9951			/Mcf
DTE Gas Company						
- As Currently Billed	3.4400	3.5100	3.5100			/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.4400	3.5100	3.5100			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.4968	3.5944	3.5944			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	3.4968	3.5944	3.5944			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410	4.9410			/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.9410	4.9410	4.9410			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5103	3.7000	3.7000			/Dth
<u>-U-17333 - As Filed or as Ordered</u>	3.5248	3.7028	3.7028			/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	3.1890	3.5851	3.2358			/Dth
<u>-U-17279 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095			/Dth
Xcel Energy						
- As Currently Billed	3.4021	3.4021	3.4021			/Dth
<u>-U-17335 - As Filed or as Ordered</u>	3.3050	3.3050	3.3050			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.29951	= 0.59840	\$71.59	0%
DTE Gas Company	12.72	0.29109	+ 0.35100	= 0.64209	\$76.93	7%
Michigan Gas Utilities Corp	13.00	0.18285	+ 0.35944	= 0.54229	\$67.23	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941	= 0.94850	\$106.85	49%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20191	+ 0.37000	= 0.57191	\$70.30	-2%
Wisconsin Public Service Corp	5.00	0.09994	+ 0.32358	= 0.42352	\$47.35	-34%
Xcel Energy	8.00	0.19850	+ 0.34021	= 0.53871	\$61.87	-14%
AVERAGE RATE	10.80	0.24680	+ 0.36255	= 0.53318	\$71.73	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2016

	Customer Charge	LIEEF see note 7	RDM Surcharge see note 8	IRI Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3	GCR Factor	Total Vol Charge					
		(\$/month)			(volumetric charges in \$/ccf)								
RESIDENTIAL SERVICE													
Sales													
Rate A	11.75	0.00	+ -0.22	0.00000	+	0.01952	+	0.27937	0.29951	=	0.59840		
Rate A-1 Residential Multi-Family	11.75	0.00	+ 1.54	0.00000	+	0.01952	+	0.27937	0.29951	=	0.59840		
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)													
Customer Choice									From Others				
alternative suppliers	11.75					0.01952		0.27937	per contract	* including EO Surcharge (Note 2)			
COMMERCIAL & INDUSTRIAL SERVICE									(\$/month)			(volumetric charges in \$/ccf)	
Sales									From Utility				
General Service - Rate GS-1	13.58	0.00	-0.41	0.0000	+	0.141	+	2.52500	2.9951	=	5.6611		
General Service - Rate GS-2	21.65	0.00	2.49	0.0000	+	0.141	+	2.27440	2.9951	=	5.4105		
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.00		0.0000	+	0.141	+	1.18110	2.9951	=	4.3172		
General Service - Rate GS-3 (>100,000 Year)	632.10	0.00		0.0000	+	0.0046	+	1.18110	2.9951	=	4.1808		
Customer Choice									From Others				
alternative suppliers	(see above)					(see above)			per contract				
Transportation									(\$/month)			(volumetric charges in \$/Mcf)	From Others
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.00		0.0000		0.141		1.0285	per contract				
ST Optional Maximum Rate		0.00		0.0000		0.141		1.5428	per contract				
ST Optional Minimum Rate		0.00		0.0000		0.141		0.5143	per contract				
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.00		0.0000		0.0046		1.0285	per contract				
ST Optional Maximum Rate		0.00		0.0000		0.0046		1.5428	per contract				
ST Optional Minimum Rate		0.00		0.0000		0.0046		0.5143	per contract				
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.00		0.0000		0.141		0.6728	per contract				
LT Optional Maximum Rate		0.00		0.0000		0.141		1.0092	per contract				
LT Optional Minimum Rate		0.00		0.0000		0.141		0.3364	per contract				
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.00		0.0000		0.0046		0.6728	per contract				
LT Optional Maximum Rate		0.00		0.0000		0.0046		1.0092	per contract				
LT Optional Minimum Rate		0.00		0.0000		0.0046		0.3364	per contract				
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.00		0.0000		0.141		0.5250	per contract				
XLT Optional Maximum Rate		0.00		0.0000		0.141		0.7876	per contract				
XLT Optional Minimum Rate		0.00		0.0000		0.141		0.2625	per contract				
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.00		0.0000		0.0046		0.5250	per contract				
XLT Optional Maximum Rate		0.00		0.0000		0.0046		0.7876	per contract				
XLT Optional Minimum Rate		0.00		0.0000		0.0046		0.2625	per contract				
XLT Remote Meter Charge	70.00	0.00		0.0000					per contract				
OTHER									(\$/month)				
Outdoor Gas Light - Rate GL													
up to 2.5 CF/Hr	11.00								includes gas				
2.6 to 4.5 CF/Hr	19.00								includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase Residual Balance Reconciliation (Case No. U-17505). Effective for the August 2016 Billing Month.

Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed

Note 7: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month - Removed

Note 8: Revenue Decoupling Mechanism (RDM) Reconciliation effective for the September 2016 Billing Month per U-18077

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY											September 1, 2016				
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Charge				
		See note 6 (\$/month)	See note 1	see note 5	see note 7	See note 6	see note 3		see note 4						
								(volumetric charges in \$/Ccf metered)							
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	2.22	0.00	0.00		0.01367	+	0.24942	+	0.02800	+	0.35100	=	0.64209
Residential Multi Family Rate 2A Class 1	10.50	0.00	9.23	0.00	0.00	0.00	0.01289	+	0.24942	+	0.02800	+	0.35100	=	0.64131
Residential Multi Family Rate 2A Class 2	26.20	0.00	9.23	0.00	0.00		0.01289	+	0.24942	+	0.02800	+	0.35100	=	0.64131
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	2.22	0.00	0.00		0.01367	+	0.24942	+		+	0.35100	=	0.61409
Customer Choice															
alternative suppliers	(see above)							(see above)	+	0.02800	+		per contract		
COMMERCIAL & INDUSTRIAL SERVICE															
		(\$/month)							(volumetric charges in \$/Mcf metered)						
Sales															
Rate GS-1	26.20	0.00	6.33	0.00	0.00		0.1289	+	2.4821	+	0.28000	+	3.5100	=	6.4010
Rate GS-2 (<100,000 Mcf)	590.00		6.33	0.00	0.00		0.1289	+	1.9995	+	0.28000	+	3.5100	=	5.9184
Rate GS-2 (>100,000 Mcf)	590.00		6.33	0.00	0.00		0.014	+	1.9995	+	0.28000	+	3.5100	=	5.8035
Rate S	200.00	0.00	69.45	0.00	0.00		0.1289	+	1.5968	+	0.28000	+	3.5100	=	5.5157
Customer Choice															
alternative suppliers	(see above)							(see above)					From Others		
Transportation															
Rate ST (cost based rate)	2030.00		384.61	0.00	0.00		0.014		0.7959				From Others		
Maximum (optional)	2030.00		384.61	0.00	0.00		0.014		1.3618				per contract		
Minimum (optional)	2030.00		384.61	0.00	0.00		0.014		0.2300				per contract		
Rate LT (cost based rate)	3660.00		500.00	0.00	0.00		0.014		0.6001				per contract		
Maximum (optional)	3660.00		500.00	0.00	0.00		0.014		0.9702				per contract		
Minimum (optional)	3660.00		500.00	0.00	0.00		0.014		0.2300				per contract		
Rate XLT (cost based rate)	9100.00		500.00	0.00	0.00		0.014		0.5068				per contract		
Maximum (optional)	9100.00		500.00	0.00	0.00		0.014		0.8336				per contract		
Minimum (optional)	9100.00		500.00	0.00	0.00		0.014		0.1800				per contract		
Rate XXLT (cost based rate)	120000.00		500.00	0.00	0.00		0.014		0.1652				per contract		
Maximum (optional)	120000.00		500.00	0.00	0.00		0.014		0.8336				per contract		
Minimum (optional)	120000.00		500.00	0.00	0.00		0.014		0.0500				per contract		
EUT Exploratory Program							0.0079								
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge									10.0000						
Load Balancing Storage Charge									0.25/MMBtu						
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016 for one billing month - REMOVED															
Rates at utilities.dteenergy.com (PDF version)															
My dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

September 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.02849	0.17342	+(0.27700	+ 0.09300	= 0.37000	)= 0.57191	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.09300			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3671	1.8203	+(2.77000	+ 0.9300	+ 3.7000	)= 7.88740	
	(>9 Dth)			0.0001	1.8203	2.77000	0.9300	3.7000	5.52040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3671	1.3932	+(2.77000	+ 0.9300	+ 3.7000	)= 7.46030	
	(>9 Dth)			0.0001	1.3932	2.77000	0.9300	3.7000	5.09330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3671	1.0985	+(2.77000	+ 0.9300	+ 3.7000	)= 7.16560	
	(>9 Dth)			0.0001	1.0985	2.77000	0.9300	3.7000	4.79860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>			(see above)		(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.93000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0956	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0956	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0956	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after August 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18016.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09994	+ 0.32358	= 0.42352
Seasonal	10.00	0.09994	+ 0.32358	= 0.42352
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.89	0.8514	+ 3.2358	= 4.0872
Small Seasonal	19.78	0.8514	+ 3.2358	= 4.0872
Large	102.68	0.6214	+ 3.2358	= 3.8572
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.4941	0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	4.9410	8.1440
Large	188.00	2.3360	4.9410	7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.19850	+ 0.34021	= 0.53871
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	23.65	1.3000	+ 3.4021	= 4.7021
Firm (304)	218.83	1.3000	+ 3.4021	= 4.7021
Interruptible (303)	75.00	0.5600	+ 3.4021	= 3.9621
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.65	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

August 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.0165	3.0357 /Mcf	U-17943
DTE Gas Company	<i>Increase</i>	3.5100	3.5100 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Increase</i>	3.5944	3.5944 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Increase</i>	3.7000	3.7028 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.5851	4.2095 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	3.0421	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2016

Calendar Year of GCR Factors

	Jul-16 \$/unit	Aug-16 \$/unit	Sep-16 \$/unit	Oct-16 \$/unit	Nov-16 \$/unit	Dec-16 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	2.8507	3.0165				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	2.8734	3.0357				/Mcf
DTE Gas Company						
- As Currently Billed	3.4400	3.5100				/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	3.4400	3.5100				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.4968	3.5944				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	3.4968	3.5944				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410	4.9410				/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.9410	4.9410				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5103	3.7000				/Dth
<u>-U-17333 - As Filed or as Ordered</u>	3.5248	3.7028				/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	3.1890	3.5851				/Dth
<u>-U-17279 - As Filed or as Ordered</u>	4.2095	4.2095				/Dth
Xcel Energy						
- As Currently Billed	3.0421	3.0421				/Dth
<u>-U-17335 - As Filed or as Ordered</u>	3.3050	3.3050				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

August 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.30165	= 0.60054	\$71.80	0%
DTE Gas Company	12.72	0.29109	+ 0.35100	= 0.64209	\$76.93	7%
Michigan Gas Utilities Corp	13.00	0.18285	+ 0.35944	= 0.54229	\$67.23	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941	= 0.94850	\$106.85	49%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.20191	+ 0.37000	= 0.57191	\$70.30	-2%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.35851	= 0.46075	\$51.08	-29%
Xcel Energy	8.00	0.18840	+ 0.30421	= 0.49261	\$57.26	-20%
AVERAGE RATE	10.80	0.24568	+ 0.36270	= 0.53234	\$71.64	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2016

	Customer Charge	LIEEF see note 7 (\$/month)	IRI Surcharge see note 5	Energy Efficiency Charge see note 2	Distribution Charge see note 3 (volumetric charges in \$/ccf)	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE							
Sales						From Utility	
Rate A	11.75	0.06	+ 0.00000	+ 0.01952	+ 0.27937	0.30165	= 0.60054
Rate A-1 Residential Multi-Family	11.75	0.06	+ 0.00000	+ 0.01952	+ 0.27937	0.30165	= 0.60054
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)							
Customer Choice						From Others	
alternative suppliers	11.75			0.01952	0.27937	per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE							
Sales						From Utility	
General Service - Rate GS-1	13.58	0.05	0.20000	+ 0.141	+ 2.52500	3.0165	= 5.6825
General Service - Rate GS-2	21.65	0.07	0.00000	+ 0.141	+ 2.27440	3.0165	= 5.4319
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.07	0.00000	+ 0.141	+ 1.18110	3.0165	= 4.3386
General Service - Rate GS-3 (>100,000 Year)	632.10	0.07	0.00000	+ 0.0046	+ 1.18110	3.0165	= 4.2022
Customer Choice						From Others	
alternative suppliers	(see above)			(see above)	(see above)	per contract	
Transportation					(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.18	0.00000	0.141	1.0285	per contract	
ST Optional Maximum Rate		0.18	0.00000	0.141	1.5428	per contract	
ST Optional Minimum Rate		0.18	0.00000	0.141	0.5143	per contract	
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.18	0.00000	0.0046	1.0285	per contract	
ST Optional Maximum Rate		0.18	0.00000	0.0046	1.5428	per contract	
ST Optional Minimum Rate		0.18	0.00000	0.0046	0.5143	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.14	0.00000	0.141	0.6728	per contract	
LT Optional Maximum Rate		0.14	0.00000	0.141	1.0092	per contract	
LT Optional Minimum Rate		0.14	0.00000	0.141	0.3364	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.14	0.00000	0.0046	0.6728	per contract	
LT Optional Maximum Rate		0.14	0.00000	0.0046	1.0092	per contract	
LT Optional Minimum Rate		0.14	0.00000	0.0046	0.3364	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.22	0.00000	0.141	0.5250	per contract	
XLT Optional Maximum Rate		0.22	0.00000	0.141	0.7876	per contract	
XLT Optional Minimum Rate		0.22	0.00000	0.141	0.2625	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.22	0.00000	0.0046	0.5250	per contract	
XLT Optional Maximum Rate		0.22	0.00000	0.0046	0.7876	per contract	
XLT Optional Minimum Rate		0.22	0.00000	0.0046	0.2625	per contract	
XLT Remote Meter Charge	70.00	0.22	0.00000			per contract	
OTHER							
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	11.00				includes gas		
2.6 to 4.5 CF/Hr	19.00				includes gas		
<p>Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.</p> <p>Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771</p> <p>Note 3: New rates effective on and after April 22, 2016 per U-17882</p> <p>Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed</p> <p>Note 5: Interim Rate Increase Residual Balance Reconciliation (Case No. U-17505). Effective for the August 2016 Billing Month.</p> <p>Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed</p> <p>Note 7: Low-Income and Energy Efficiency Fund (LIEEF) and Vulnerable Household Warmth Fund Surcharge (Case No. U-18105). Effective for the August 2016 Billing Month.</p> <p>Customer Attachment Program surcharges are in addition to rates above</p> <p>Understanding your bill at Consumersenergy.com</p> <p>Rates Reference: see Rate Books</p>							

DTE GAS COMPANY										
										August 1, 2016
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	LIEEF Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor
		See note 6 (\$/month)	See note 1	see note 5	see note 7	See note 6	see note 3		see note 4	
								(volumetric charges in \$/Ccf metered)		Total Charge
RESIDENTIAL SERVICE										
Sales										From Utility
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	2.22	0.00	-0.02		0.01367 +	0.24942 +	0.02800 +	0.35100 = 0.64209
Residential Multi Family Rate 2A Class 1	10.50	0.00	9.23	0.00	-0.11	0.00 +	0.01289 +	0.24942 +	0.02800 +	0.35100 = 0.64131
Residential Multi Family Rate 2A Class 2	26.20	0.00	9.23	0.00	-0.11		0.01289 +	0.24942 +	0.02800 +	0.35100 = 0.64131
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	2.22	0.00	-0.02		0.01367 +	0.24942 +		0.35100 = 0.61409
Customer Choice										From Others
alternative suppliers (see above)								(see above) +	0.02800 +	per contract
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)									(volumetric charges in \$/Mcf metered)
Sales										From Utility
Rate GS-1	26.20	0.00	6.33	0.00	-0.07		0.1289 +	2.4821 +	0.28000 +	3.5100 = 6.4010
Rate GS-2 (<100,000 Mcf)	590.00		6.33	0.00	-0.07		0.1289 +	1.9995 +	0.28000 +	3.5100 = 5.9184
Rate GS-2 (>100,000 Mcf)	590.00		6.33	0.00	-0.07		0.014 +	1.9995 +	0.28000 +	3.5100 = 5.8035
Rate S	200.00	0.00	69.45	0.00	-1.62		0.1289 +	1.5968 +	0.28000 +	3.5100 = 5.5157
Customer Choice										From Others
alternative suppliers (see above)								(see above)		per contract
Transportation										From Others
Rate ST (cost based rate)	2030.00		384.61	0.00	-2.86		0.014	0.7959		per contract
Maximum (optional)	2030.00		384.61	0.00	-2.86		0.014	1.3618		per contract
Minimum (optional)	2030.00		384.61	0.00	-2.86		0.014	0.2300		per contract
Rate LT (cost based rate)	3660.00		500.00	0.00	-10.09		0.014	0.6001		per contract
Maximum (optional)	3660.00		500.00	0.00	-10.09		0.014	0.9702		per contract
Minimum (optional)	3660.00		500.00	0.00	-10.09		0.014	0.2300		per contract
Rate XLT (cost based rate)	9100.00		500.00	0.00	-63.07		0.014	0.5068		per contract
Maximum (optional)	9100.00		500.00	0.00	-63.07		0.014	0.8336		per contract
Minimum (optional)	9100.00		500.00	0.00	-63.07		0.014	0.1800		per contract
Rate XXLT (cost based rate)	120000.00		500.00	0.00	-103.79		0.014	0.1652		per contract
Maximum (optional)	120000.00		500.00	0.00	-103.79		0.014	0.8336		per contract
Minimum (optional)	120000.00		500.00	0.00	-103.79		0.014	0.0500		per contract
EUT Exploratory Program							0.0079			
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge								10.0000		
Load Balancing Storage Charge								0.25/MMBtu		
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822 Note 7: Vulnerable Household Warmth Fund and LIEEF (Credit) Surcharge \$/Month per U-18105. Effective August 1, 2016.										
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill										
Rates Reference: see Rate Books for more details										

SEMCO ENERGY GAS COMPANY

August 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.02849	0.17342	+(0.27700	+ 0.09300	= 0.37000	)= 0.57191	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.09300			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	2.3671	1.8203	+(2.77000	+ 0.9300	+ 3.7000	)= 7.88740	
	(>9 Dth)			0.0001	1.8203	2.77000	0.9300	3.7000	5.52040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	2.3671	1.3932	+(2.77000	+ 0.9300	+ 3.7000	)= 7.46030	
	(>9 Dth)			0.0001	1.3932	2.77000	0.9300	3.7000	5.09330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	2.3671	1.0985	+(2.77000	+ 0.9300	+ 3.7000	)= 7.16560	
	(>9 Dth)			0.0001	1.0985	2.77000	0.9300	3.7000	4.79860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.93000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0956	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0956	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0956	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after August 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-18016.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10224	+	0.35851 = 0.46075
Seasonal	10.00	0.10224	+	0.35851 = 0.46075
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	10.00	0.8514	+	3.5851 = 4.4365
Small Seasonal	20.00	0.8514	+	3.5851 = 4.4365
Large	120.21	0.6214	+	3.5851 = 4.2065
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544		0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030		8.1440
Large	188.00	2.3360		7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+	0.30421 = 0.49261
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+	3.0421 = 4.3421
Firm (304)	433.00	1.3000	+	3.0421 = 4.3421
Interruptible (303)	130.00	0.5600	+	3.0421 = 3.6021
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

July 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.8507	2.8734 /Mcf	U-17943
DTE Gas Company	<i>No Change</i>	3.4400	3.4400 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Increase</i>	3.4968	3.4968 /Mcf	U-17940
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Increase</i>	3.5103	3.5248 /Dth	U-17942
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	3.1890	4.2095 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	3.0421	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	2.8507					/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	2.8734					/Mcf
DTE Gas Company						
- As Currently Billed	3.4400					/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	3.4400					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.4968					/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	3.4968					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.9410					/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.9410					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.5103					/Dth
<u>-U-17333 - As Filed or as Ordered</u>	3.5248					/Dth
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	3.1890					/Dth
<u>-U-17279 - As Filed or as Ordered</u>	4.2095					/Dth
Xcel Energy						
- As Currently Billed	3.0421					/Dth
<u>-U-17335 - As Filed or as Ordered</u>	3.3050					/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

July 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.28507	= 0.58396	\$70.15	0%
DTE Gas Company	12.72	0.29109	+ 0.34400	= 0.63509	\$76.23	9%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.34968	= 0.53325	\$66.33	-5%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941	= 0.94850	\$106.85	52%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.35103	= 0.54227	\$67.34	-4%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.31890	= 0.42114	\$47.11	-33%
Xcel Energy	8.00	0.18840	+ 0.30421	= 0.49261	\$57.26	-18%
AVERAGE RATE	10.80	0.24426	+ 0.34957	= 0.51960	\$70.18	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2016

	Customer Charge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 5	see note 2	see note 3		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/ccf)				
Sales					From Utility	
Rate A	11.75	0.00000 +	0.01952 +	0.27937	0.28507 =	0.58396
Rate A-1 Residential Multi-Family	11.75	0.00000 +	0.01952 +	0.27937	0.28507 =	0.58396
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	11.75		0.01952	0.27937	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf)				
Sales					From Utility	
General Service - Rate GS-1	13.58	0.0000 +	0.141 +	2.52500	2.8507 =	5.5167
General Service - Rate GS-2	21.65	0.0000 +	0.141 +	2.27440	2.8507 =	5.2661
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.0000 +	0.141 +	1.18110	2.8507 =	4.1728
General Service - Rate GS-3 (>100,000 Year)	632.10	0.0000 +	0.0046 +	1.18110	2.8507 =	4.0364
Customer Choice					From Others	
alternative suppliers	(see above)		(see above)		per contract	
Transportation		(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.0000	0.141	1.0285	per contract	
ST Optional Maximum Rate		0.0000	0.141	1.5428	per contract	
ST Optional Minimum Rate		0.0000	0.141	0.5143	per contract	
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.0000	0.0046	1.0285	per contract	
ST Optional Maximum Rate		0.0000	0.0046	1.5428	per contract	
ST Optional Minimum Rate		0.0000	0.0046	0.5143	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.0000	0.141	0.6728	per contract	
LT Optional Maximum Rate		0.0000	0.141	1.0092	per contract	
LT Optional Minimum Rate		0.0000	0.141	0.3364	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.0000	0.0046	0.6728	per contract	
LT Optional Maximum Rate		0.0000	0.0046	1.0092	per contract	
LT Optional Minimum Rate		0.0000	0.0046	0.3364	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.0000	0.141	0.5250	per contract	
XLT Optional Maximum Rate		0.0000	0.141	0.7876	per contract	
XLT Optional Minimum Rate		0.0000	0.141	0.2625	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.0000	0.0046	0.5250	per contract	
XLT Optional Maximum Rate		0.0000	0.0046	0.7876	per contract	
XLT Optional Minimum Rate		0.0000	0.0046	0.2625	per contract	
XLT Remote Meter Charge	70.00	0.0000			per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	11.00			includes gas		
2.6 to 4.5 CF/Hr	19.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund effective for service rendered on and after January 14, 2016 through April 21, 2016 per U-17882 - Removed

Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										July 1, 2016
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4	
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	2.22	0.00		0.01367 +	0.24942 +	0.02800 +	From Utility 0.34400	= 0.63509
Residential Multi Family Rate 2A Class 1	10.50	0.00	9.23	0.00	0.00 +	0.01289 +	0.24942 +	0.02800 +	0.34400 +	= 0.63431
Residential Multi Family Rate 2A Class 2	26.20	0.00	9.23	0.00		0.01289 +	0.24942 +	0.02800 +	0.34400 +	= 0.63431
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	2.22	0.00		0.01367 +	0.24942 +		0.34400 +	= 0.60709
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)	+ 0.02800	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)						(volumetric charges in \$/Mcf metered)			
Sales										
Rate GS-1	26.20	0.00	6.33	0.00		0.1289 +	2.4821 +	0.28000 +	From Utility 3.4400	= 6.3310
Rate GS-2 (<100,000 Mcf)	590.00		6.33	0.00		0.1289 +	1.9995 +	0.28000 +	3.4400 +	= 5.8484
Rate GS-2 (>100,000 Mcf)	590.00		6.33	0.00		0.014 +	1.9995 +	0.28000 +	3.4400 +	= 5.7335
Rate S	200.00	0.00	69.45	0.00		0.1289 +	1.5968 +	0.28000 +	3.4400 +	= 5.4457
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)		per contract	
Transportation										
Rate ST (cost based rate)	2030.00		279.85	0.00		0.014	0.7959		per contract	
Maximum (optional)	2030.00		279.85	0.00		0.014	1.3618		per contract	
Minimum (optional)	2030.00		279.85	0.00		0.014	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.014	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.014	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.014	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.014	0.1800		per contract	
Rate XXL (cost based rate)	120000.00		500.00	0.00		0.014	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.014	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.014	0.0500		per contract	
EUT Exploratory Program						0.0079				
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st										
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round										
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.										
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131										
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214										
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822										
Rates at utilities.dteenergy.com (PDF version)										
My.dteenergy.com for understanding your bill										
Rates Reference:		see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

July 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.25800	+ 0.09303	= 0.35103	)=	0.54227
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.09303			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.58000	+ 0.9303	+ 3.5103	)=	6.53990
	(>9 Dth)			0.0001	1.8203	2.58000	0.9303	3.5103		5.33070
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.58000	+ 0.9303	+ 3.5103	)=	6.11280
	(>9 Dth)			0.0001	1.3932	2.58000	0.9303	3.5103		4.90360
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.58000	+ 0.9303	+ 3.5103	)=	5.81810
	(>9 Dth)			0.0001	1.0985	2.58000	0.9303	3.5103		4.60890
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.93030			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	0.9068	0.7568		0.0344
	(>2500 Dth)			0.0000			0.9068	0.7568		0.0344
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779		0.0344
	(>2500 Dth)			0.0000			0.6279	0.4779		0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531		0.0344
	(>2500 Dth)			0.0000			0.4031	0.2531		0.0344
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10224	+	0.31890 = 0.42114
Seasonal	10.00	0.10224	+	0.31890 = 0.42114
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	10.00	0.8514	+	3.1890 = 4.0404
Small Seasonal	20.00	0.8514	+	3.1890 = 4.0404
Large	120.21	0.6214	+	3.1890 = 3.8104
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.4941 = 0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		4.9410 = 8.1440
Large	188.00	2.3360		4.9410 = 7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.18840	+	0.30421 = 0.49261
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	21.50	1.3000	+	3.0421 = 4.3421
Firm (304)	433.00	1.3000	+	3.0421 = 4.3421
Interruptible (303)	130.00	0.5600	+	3.0421 = 3.6021
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

June 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.7941	2.8328 /Mcf	U-17943
DTE Gas Company	<i>No Change</i>	3.4400	3.4400 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.3249	3.3249 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Increase</i>	3.3900	3.3992 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.1520	4.2095 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	3.0785	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	2.7941	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	2.8328	/Mcf
DTE Gas Company							
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	3.3900	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	3.3992	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	3.1520	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

June 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.27941	= 0.57830	\$69.58	0%
DTE Gas Company	12.04	0.29109	+ 0.34400	= 0.63509	\$75.55	9%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.33249	= 0.51606	\$64.61	-7%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941	= 0.94850	\$106.85	54%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.33900	= 0.53024	\$66.13	-5%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.31520	= 0.41744	\$46.74	-33%
Xcel Energy	8.00	0.18840	+ 0.30785	= 0.49625	\$57.63	-17%
AVERAGE RATE	10.70	0.24426	+ 0.34458	= 0.51524	\$69.58	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2016

	Customer Charge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 5	see note 2	see note 3		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/ccf)				
Sales					From Utility	
Rate A	11.75	0.00000 +	0.01952 +	0.27937	0.27941 =	0.57830
Rate A-1 Residential Multi-Family	11.75	0.00000 +	0.01952 +	0.27937	0.27941 =	0.57830
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	11.75		0.01952	0.27937	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf)				
Sales					From Utility	
General Service - Rate GS-1	13.58	0.0000 +	0.141 +	2.52500	2.7941 =	5.4601
General Service - Rate GS-2	21.65	0.0000 +	0.141 +	2.27440	2.7941 =	5.2095
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.0000 +	0.141 +	1.18110	2.7941 =	4.1162
General Service - Rate GS-3 (>100,000 Year)	632.10	0.0000 +	0.0046 +	1.18110	2.7941 =	3.9798
Customer Choice					From Others	
alternative suppliers	(see above)		(see above)		per contract	
Transportation		(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.0000	0.141	1.0285	per contract	
ST Optional Maximum Rate		0.0000	0.141	1.5428	per contract	
ST Optional Minimum Rate		0.0000	0.141	0.5143	per contract	
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.0000	0.0046	1.0285	per contract	
ST Optional Maximum Rate		0.0000	0.0046	1.5428	per contract	
ST Optional Minimum Rate		0.0000	0.0046	0.5143	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.0000	0.141	0.6728	per contract	
LT Optional Maximum Rate		0.0000	0.141	1.0092	per contract	
LT Optional Minimum Rate		0.0000	0.141	0.3364	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.0000	0.0046	0.6728	per contract	
LT Optional Maximum Rate		0.0000	0.0046	1.0092	per contract	
LT Optional Minimum Rate		0.0000	0.0046	0.3364	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.0000	0.141	0.5250	per contract	
XLT Optional Maximum Rate		0.0000	0.141	0.7876	per contract	
XLT Optional Minimum Rate		0.0000	0.141	0.2625	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.0000	0.0046	0.5250	per contract	
XLT Optional Maximum Rate		0.0000	0.0046	0.7876	per contract	
XLT Optional Minimum Rate		0.0000	0.0046	0.2625	per contract	
XLT Remote Meter Charge	70.00	0.0000			per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	11.00			includes gas		
2.6 to 4.5 CF/Hr	19.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: New rates effective on and after April 22, 2016 per U-17882

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase subject to refund effective for service rendered on and after January 14, 2016 through April 21, 2016 per U-17882 - Removed

Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference:

see

[Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										June 1, 2016		
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4	(volumetric charges in \$/Ccf metered)						
RESIDENTIAL SERVICE	(\$/month)											
Sales												
Residential Service	13.00	0.000000	0.01696	0.000000	0.00790	0.15871	+(0.26946	+	0.06303	=	0.33249	)= 0.51606
Gas Light Rate-Residential						0.15871	+(0.26946	+	0.06303	=	0.33249	)= 0.49120
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others		Reservation Charge			
							+ per contract	+	0.06303			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)											
Sales												
Small General Service	35.00	0.000000	4.71	0.000000	0.07900	1.58700	+(2.6946	+	0.6303	=	3.3249	)= 4.99090
Large General Service	425.00	0.000000	109.74		0.07900	1.03220	+(2.6946	+	0.6303	=	3.3249	)= 4.43610
GasLight Rate-Commercial			5.32		0.07900	1.58700	+(2.6946	+	0.6303	=	3.3249	)= 4.99090
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others		Reservation Charge			
							+ per contract	+	0.63030			
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2										
Transportation		\$/mo										
TR-1	850.00	0.000000	40.54			0.7777	0.6277					
TR-2	2,250.00	0.000000	124.77			0.4796	0.3296					
TR-3	3,050.00	0.000000	523.64			0.4651	0.3151					
Note 1: Effective for bills rendered for the April 2016 through March 2017 billing months, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17940												
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.												
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547												
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Customer Attachment Program												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

DTE GAS COMPANY										June 1, 2016					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4						
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	From Utility = 0.63509					
Residential Multi Family Rate 2A Class 1	10.50	0.00	6.42	0.00	0.00	+	0.01289	+	0.24942	+	0.02800	+	0.34400	=	0.63431
Residential Multi Family Rate 2A Class 2	26.20	0.00	6.42	0.00		0.01289	+	0.24942	+	0.02800	+	0.34400	=	0.63431	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+		+	0.34400	=	0.60709	
Customer Choice															
alternative suppliers	(see above)						(see above)	+	0.02800	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	26.20	0.00	4.40	0.00		0.1289	+	2.4821	+	0.28000	+	3.4400	=	6.3310	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1289	+	1.9995	+	0.28000	+	3.4400	=	5.8484	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.014	+	1.9995	+	0.28000	+	3.4400	=	5.7335	
Rate S	200.00	0.00	48.38	0.00		0.1289	+	1.5968	+	0.28000	+	3.4400	=	5.4457	
Customer Choice															
alternative suppliers	(see above)						(see above)				per contract				
Transportation															
Rate ST (cost based rate)	2030.00		194.99	0.00		0.014		0.7959				per contract			
Maximum (optional)	2030.00		194.99	0.00		0.014		1.3618				per contract			
Minimum (optional)	2030.00		194.99	0.00		0.014		0.2300				per contract			
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014		0.6001				per contract			
Maximum (optional)	3660.00		500.00	0.00		0.014		0.9702				per contract			
Minimum (optional)	3660.00		500.00	0.00		0.014		0.2300				per contract			
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014		0.5068				per contract			
Maximum (optional)	9100.00		500.00	0.00		0.014		0.8336				per contract			
Minimum (optional)	9100.00		500.00	0.00		0.014		0.1800				per contract			
Rate XXL (cost based rate)	120000.00		500.00	0.00		0.014		0.1652				per contract			
Maximum (optional)	120000.00		500.00	0.00		0.014		0.8336				per contract			
Minimum (optional)	120000.00		500.00	0.00		0.014		0.0500				per contract			
EUT Exploratory Program						0.0079									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

June 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.26000	+ 0.07900	= 0.33900	)= 0.53024	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07900			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.60000	+ 0.7900	+ 3.3900	)= 6.41960	
	(>9 Dth)			0.0001	1.8203	2.60000	0.7900	3.3900	5.21040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.60000	+ 0.7900	+ 3.3900	)= 5.99250	
	(>9 Dth)			0.0001	1.3932	2.60000	0.7900	3.3900	4.78330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.60000	+ 0.7900	+ 3.3900	)= 5.69780	
	(>9 Dth)			0.0001	1.0985	2.60000	0.7900	3.3900	4.48860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.79000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10224	+ 0.31520	= 0.41744
Seasonal	10.00	0.10224	+ 0.31520	= 0.41744
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	10.00	0.8514	+ 3.1520	= 4.0034
Small Seasonal	20.00	0.8514	+ 3.1520	= 4.0034
Large	120.21	0.6214	+ 3.1520	= 3.7734
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.4941	0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	4.9410	8.1440
Large	188.00	2.3360	4.9410	7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+ 0.30785	= 0.49625
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+ 3.0785	= 4.3785
Firm (304)	433.00	1.3000	+ 3.0785	= 4.3785
Interruptible (303)	130.00	0.5600	+ 3.0785	= 3.6385
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

May 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	2.7160	2.8328 /Mcf	U-17943
DTE Gas Company	<i>No Change</i>	3.4400	3.4400 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.3249	3.3249 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.3300	3.3992 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.1983	4.2095 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	3.0785	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *						
	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company						
- As Currently Billed	3.1645	3.1981	3.2358	2.5351	2.7160	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328	2.8328	/Mcf
DTE Gas Company						
- As Currently Billed	3.7000	3.7000	3.7000	3.4400	3.4400	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400	3.4400	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	2.7268	3.0268	3.0268	3.3249	3.3249	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249	3.3249	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	4.9410	4.9410	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410	4.9410	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.2000	3.2500	3.2500	3.3992	3.3300	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992	3.3992	/Dth
Superior Energy Company *						
	(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp						
- As Currently Billed	3.5903	3.7260	3.1565	3.2998	3.1983	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095	4.2095	/Dth
Xcel Energy						
- As Currently Billed	4.3108	4.3108	4.3108	3.0785	3.0785	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050	3.3050	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

May 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.75	0.29889	+ 0.27160 =	0.57049	\$68.80	-1%
DTE Gas Company	12.04	0.29109	+ 0.34400 =	0.63509	\$75.55	9%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.33249 =	0.51606	\$64.61	-7%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941 =	0.94850	\$106.85	54%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.33300 =	0.52424	\$65.53	-6%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.31983 =	0.42207	\$47.21	-32%
Xcel Energy	8.00	0.18840	+ 0.30785 =	0.49625	\$57.63	-17%
AVERAGE RATE	10.70	0.24426	+ 0.34327 =	0.51409	\$69.45	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2016

	Customer Charge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 5	see note 2	see note 3		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/ccf)				
Sales					From Utility	
Rate A	11.75	0.00000	+	0.01952	+	0.27937
Rate A-1 Residential Multi-Family	11.75	0.00000	+	0.01952	+	0.27937
Excess Peak Demand Charge \$0.0715/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	11.75		0.01952	0.27937	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf)				
Sales					From Utility	
General Service - Rate GS-1	13.58	0.0000	+	0.141	+	2.52500
General Service - Rate GS-2	21.65	0.0000	+	0.141	+	2.27440
General Service - Rate GS-3 (0-100,000 Year)	632.10	0.0000	+	0.141	+	1.18110
General Service - Rate GS-3 (>100,000 Year)	632.10	0.0000	+	0.0046	+	1.18110
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)	per contract	
Transportation		(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	680.20	0.0000		0.141		1.0285
ST Optional Maximum Rate		0.0000		0.141		1.5428
ST Optional Minimum Rate		0.0000		0.141		0.5143
Rate ST Cost Based Rate (>100,000 Year)	680.20	0.0000		0.0046		1.0285
ST Optional Maximum Rate		0.0000		0.0046		1.5428
ST Optional Minimum Rate		0.0000		0.0046		0.5143
Rate LT Cost Based Rate (0-100,000 Year)	3,644.70	0.0000		0.141		0.6728
LT Optional Maximum Rate		0.0000		0.141		1.0092
LT Optional Minimum Rate		0.0000		0.141		0.3364
Rate LT Cost Based Rate (>100,000 Year)	3,644.70	0.0000		0.0046		0.6728
LT Optional Maximum Rate		0.0000		0.0046		1.0092
LT Optional Minimum Rate		0.0000		0.0046		0.3364
Rate XLT Cost Based Rate (0-100,000 Year)	9,732.70	0.0000		0.141		0.5250
XLT Optional Maximum Rate		0.0000		0.141		0.7876
XLT Optional Minimum Rate		0.0000		0.141		0.2625
Rate XLT Cost Based Rate (>100,000 Year)	9,732.70	0.0000		0.0046		0.5250
XLT Optional Maximum Rate		0.0000		0.0046		0.7876
XLT Optional Minimum Rate		0.0000		0.0046		0.2625
XLT Remote Meter Charge	70.00	0.0000				
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	11.00				includes gas	
2.6 to 4.5 CF/Hr	19.00				includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.						
Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771						
Note 3: New rates effective on and after April 22, 2016 per U-17882						
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed						
Note 5: Interim Rate Increase subject to refund effective for service rendered on and after January 14, 2016 through April 21, 2016 per U-17882 - Removed						
Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505 - Removed						
Customer Attachment Program surcharges are in addition to rates above						
Understanding your bill at Consumersenergy.com						
Rates Reference:	see	Rate Books				

DTE GAS COMPANY										May 1, 2016					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4						
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	From Utility = 0.63509					
Residential Multi Family Rate 2A Class 1	10.50	0.00	6.42	0.00	0.00	+	0.01289	+	0.24942	+	0.02800	+	0.34400	=	0.63431
Residential Multi Family Rate 2A Class 2	26.20	0.00	6.42	0.00		0.01289	+	0.24942	+	0.02800	+	0.34400	=	0.63431	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+		+	0.34400	=	0.60709	
Customer Choice															
alternative suppliers	(see above)						(see above)	+	0.02800	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	26.20	0.00	4.40	0.00		0.1289	+	2.4821	+	0.28000	+	3.4400	=	6.3310	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1289	+	1.9995	+	0.28000	+	3.4400	=	5.8484	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.014	+	1.9995	+	0.28000	+	3.4400	=	5.7335	
Rate S	200.00	0.00	48.38	0.00		0.1289	+	1.5968	+	0.28000	+	3.4400	=	5.4457	
Customer Choice															
alternative suppliers	(see above)						(see above)				per contract				
Transportation															
Rate ST (cost based rate)	2030.00		194.99	0.00		0.014		0.7959				per contract			
Maximum (optional)	2030.00		194.99	0.00		0.014		1.3618				per contract			
Minimum (optional)	2030.00		194.99	0.00		0.014		0.2300				per contract			
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014		0.6001				per contract			
Maximum (optional)	3660.00		500.00	0.00		0.014		0.9702				per contract			
Minimum (optional)	3660.00		500.00	0.00		0.014		0.2300				per contract			
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014		0.5068				per contract			
Maximum (optional)	9100.00		500.00	0.00		0.014		0.8336				per contract			
Minimum (optional)	9100.00		500.00	0.00		0.014		0.1800				per contract			
Rate XXL (cost based rate)	120000.00		500.00	0.00		0.014		0.1652				per contract			
Maximum (optional)	120000.00		500.00	0.00		0.014		0.8336				per contract			
Minimum (optional)	120000.00		500.00	0.00		0.014		0.0500				per contract			
EUT Exploratory Program						0.0079									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

May 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.25324	+ 0.07976	= 0.33300	)= 0.52424	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07976			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.53240	+ 0.7976	+ 3.3300	)= 6.35960	
	(>9 Dth)			0.0001	1.8203	2.53240	0.7976	3.3300	5.15040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.53240	+ 0.7976	+ 3.3300	)= 5.93250	
	(>9 Dth)			0.0001	1.3932	2.53240	0.7976	3.3300	4.72330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.53240	+ 0.7976	+ 3.3300	)= 5.63780	
	(>9 Dth)			0.0001	1.0985	2.53240	0.7976	3.3300	4.42860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.79760			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10224	+ 0.31983	= 0.42207
Seasonal	10.00	0.10224	+ 0.31983	= 0.42207
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	10.00	0.8514	+ 3.1983	= 4.0497
Small Seasonal	20.00	0.8514	+ 3.1983	= 4.0497
Large	120.21	0.6214	+ 3.1983	= 3.8197
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.4941	0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	4.9410	8.1440
Large	188.00	2.3360	4.9410	7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+ 0.30785	= 0.49625
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+ 3.0785	= 4.3785
Firm (304)	433.00	1.3000	+ 3.0785	= 4.3785
Interruptible (303)	130.00	0.5600	+ 3.0785	= 3.6385
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

April 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	2.5351	2.8328 /Mcf	U-17943
DTE Gas Company	<i>Decrease</i>	3.4400	3.4400 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Increase</i>	3.3249	3.3249 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Decrease</i>	4.9410	4.9410 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Increase</i>	3.3992	3.3992 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	3.2998	4.2095 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	3.0785	3.3050 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	3.1645	3.1981	3.2358	2.5351		/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	2.8328		/Mcf
DTE Gas Company						
- As Currently Billed	3.7000	3.7000	3.7000	3.4400		/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700	3.4400		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	2.7268	3.0268	3.0268	3.3249		/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273	3.3249		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	4.9410		/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	4.9410		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.2000	3.2500	3.2500	3.3992		/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088	3.3992		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	3.5903	3.7260	3.1565	3.2998		/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095	4.2095		/Dth
Xcel Energy						
- As Currently Billed	4.3108	4.3108	4.3108	3.0785		/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	3.3050		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

April 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.31716	+ 0.25351	= 0.57067	\$68.57	-2%
DTE Gas Company	12.04	0.29109	+ 0.34400	= 0.63509	\$75.55	8%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.33249	= 0.51606	\$64.61	-7%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4941	= 0.94850	\$106.85	53%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.33992	= 0.53116	\$66.23	-5%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.32998	= 0.43222	\$48.22	-31%
Xcel Energy	8.00	0.18840	+ 0.30785	= 0.49625	\$57.63	-17%
AVERAGE RATE	10.66	0.24687	+ 0.34312	= 0.51624	\$69.66	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2016

	Customer Charge	IRI Surcharge See note 6	IRI Surcharge see note 5	IRI Surcharge See note 6	Energy Efficiency Charge see note 2	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)								
Sales								
Rate A	11.50		0.02856	-0.00113	+	0.01952	+	0.27021
Rate A-1 Residential Multi-Family	11.50		0.02098		+	0.01952	+	0.27021
Excess Peak Demand Charge \$0.07/Mcf (Note 1)								
<u>Customer Choice</u>								
alternative suppliers	11.50				0.01952	0.27021		
							From Utility	
							0.25351	= 0.57067
							0.25351	= 0.56422
							From Others	
							per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)								
Sales								
General Service - Rate GS-1	12.50	0.11	0.2103	0.1753	+	0.141	+	2.28900
General Service - Rate GS-2	19.50		0.1580		+	0.141	+	2.07120
General Service - Rate GS-3 (0-100,000 Year)	576.80		0.1150		+	0.141	+	1.07300
General Service - Rate GS-3 (>100,000 Year)	576.80		0.1150		+	0.0046	+	1.01830
<u>Customer Choice</u>								
alternative suppliers	(see above)						From Utility	
							2.5351	= 5.3507
							2.5351	= 4.9053
							2.5351	= 3.8641
							2.5351	= 3.6730
<u>Customer Choice</u>							From Others	
alternative suppliers	(see above)						per contract	
Transportation							From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50		0.0835			0.141	0.9484	per contract
ST Optional Maximum Rate			0.0835			0.141	1.4226	per contract
ST Optional Minimum Rate			0.0835			0.141	0.4742	per contract
Rate ST Cost Based Rate (>100,000 Year)	621.50		0.0835			0.0046	0.9484	per contract
ST Optional Maximum Rate			0.0835			0.0046	1.4226	per contract
ST Optional Minimum Rate			0.0835			0.0046	0.4742	per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.0569			0.141	0.6186	per contract
LT Optional Maximum Rate			0.0569			0.141	0.9279	per contract
LT Optional Minimum Rate			0.0569			0.141	0.3093	per contract
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0569			0.0046	0.6186	per contract
LT Optional Maximum Rate			0.0569			0.0046	0.9279	per contract
LT Optional Minimum Rate			0.0569			0.0046	0.3093	per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00		0.0362			0.141	0.4868	per contract
XLT Optional Maximum Rate			0.0362			0.141	0.7302	per contract
XLT Optional Minimum Rate			0.0362			0.141	0.2434	per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00		0.0362			0.0046	0.4868	per contract
XLT Optional Maximum Rate			0.0362			0.0046	0.7302	per contract
XLT Optional Minimum Rate			0.0362			0.0046	0.2434	per contract
XLT Remote Meter Charge	70.00		0.0362					per contract
OTHER (\$/month)								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00						includes gas	
2.6 to 4.5 CF/Hr	23.00						includes gas	
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.								
Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771								
Note 3: Rate Increase per U-17643								
Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed								
Note 5: Interim Rate Increase subject to refund effective for service rendered on and after January 14, 2016 per U-17882								
Note 6: Interim Rate Increase Residual Balance Reconciliation effective for the April 2016 billing month per U-17868 and U-17505								
<u>Customer Attachment Program</u> surcharges are in addition to rates above								
<u>Understanding your bill at Consumersenergy.com</u>								
Rates Reference:	see							Rate Books

MICHIGAN GAS UTILITIES CORP.										April 1, 2016	
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge	Total Vol Charge				
		see note 2	see note 1	see note 3	see note 4	(volumetric charges in \$/Ccf metered)					
RESIDENTIAL SERVICE	(\$/month)										
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	0.000000	0.01696	0.000000	0.00790	0.15871	+(0.26946	+ 0.06303	= 0.33249	)= 0.51606
Gas Light Rate-Residential						0.15871	+(0.26946	+ 0.06303	= 0.33249	)= 0.49120
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge			
							+ per contract	+ 0.06303			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)										
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	0.000000	4.71	0.000000	0.07900	1.58700	+(2.6946	+ 0.6303	= 3.3249	)= 4.99090
Large General Service	425.00	0.000000	109.74		0.07900	1.03220	+(2.6946	+ 0.6303	= 3.3249	)= 4.43610
GasLight Rate-Commercial			5.32		0.07900	1.58700	+(2.6946	+ 0.6303	= 3.3249	)= 4.99090
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge			
							+ per contract	+ 0.63030			
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
		see note 2									
Transportation		\$/mo									
TR-1	850.00	0.000000	40.54			0.7777	0.6277				
TR-2	2,250.00	0.000000	124.77			0.4796	0.3296				
TR-3	3,050.00	0.000000	523.64			0.4651	0.3151				
Note 1: Effective for bills rendered for the April 2016 through March 2017 billing months, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17940											
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.											
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547											
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books											

DTE GAS COMPANY											April 1, 2016				
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3		see note 4							
							(volumetric charges in \$/Ccf metered)								
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	From Utility = 0.63509					
Residential Multi Family Rate 2A Class 1	10.50	0.00	6.42	0.00	0.00	+	0.01289	+	0.24942	+	0.02800	+	0.34400	=	0.63431
Residential Multi Family Rate 2A Class 2	26.20	0.00	6.42	0.00		0.01289	+	0.24942	+	0.02800	+	0.34400	=	0.63431	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+		+	0.34400	=	0.60709	
Customer Choice											From Others				
alternative suppliers	(see above)						(see above)	+	0.02800	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE															
							(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	26.20	0.00	4.40	0.00		0.1289	+	2.4821	+	0.28000	+	3.4400	=	6.3310	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1289	+	1.9995	+	0.28000	+	3.4400	=	5.8484	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.014	+	1.9995	+	0.28000	+	3.4400	=	5.7335	
Rate S	200.00	0.00	48.38	0.00		0.1289	+	1.5968	+	0.28000	+	3.4400	=	5.4457	
Customer Choice											From Others				
alternative suppliers	(see above)						(see above)				per contract				
Transportation											From Others				
Rate ST (cost based rate)	2030.00		194.99	0.00		0.014		0.7959			per contract				
Maximum (optional)	2030.00		194.99	0.00		0.014		1.3618			per contract				
Minimum (optional)	2030.00		194.99	0.00		0.014		0.2300			per contract				
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014		0.6001			per contract				
Maximum (optional)	3660.00		500.00	0.00		0.014		0.9702			per contract				
Minimum (optional)	3660.00		500.00	0.00		0.014		0.2300			per contract				
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014		0.5068			per contract				
Maximum (optional)	9100.00		500.00	0.00		0.014		0.8336			per contract				
Minimum (optional)	9100.00		500.00	0.00		0.014		0.1800			per contract				
Rate XXL (cost based rate)	120000.00		500.00	0.00		0.014		0.1652			per contract				
Maximum (optional)	120000.00		500.00	0.00		0.014		0.8336			per contract				
Minimum (optional)	120000.00		500.00	0.00		0.014		0.0500			per contract				
EUT Exploratory Program						0.0079									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

April 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.26016	+ 0.07976	= 0.33992	)= 0.53116	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.07976			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.60160	+ 0.7976	+ 3.3992	)= 6.42880	
	(>9 Dth)			0.0001	1.8203	2.60160	0.7976	3.3992	5.21960	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.60160	+ 0.7976	+ 3.3992	)= 6.00170	
	(>9 Dth)			0.0001	1.3932	2.60160	0.7976	3.3992	4.79250	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.60160	+ 0.7976	+ 3.3992	)= 5.70700	
	(>9 Dth)			0.0001	1.0985	2.60160	0.7976	3.3992	4.49780	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.79760			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10224	+	0.32998 = 0.43222
Seasonal	10.00	0.10224	+	0.32998 = 0.43222
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	10.00	0.8514	+	3.2998 = 4.1512
Small Seasonal	20.00	0.8514	+	3.2998 = 4.1512
Large	120.21	0.6214	+	3.2998 = 3.9212
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544		0.9485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030		8.1440
Large	188.00	2.3360		7.2770

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+	0.30785 = 0.49625
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+	3.0785 = 4.3785
Firm (304)	433.00	1.3000	+	3.0785 = 4.3785
Interruptible (303)	130.00	0.5600	+	3.0785 = 3.6385
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

March 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.2358	4.0552 /Mcf	U-17693
DTE Gas Company	<i>Unchanged</i>	3.7000	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.0268	3.5273 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	5.4170	5.4900 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.2500	4.2088 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.1565	4.2095 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	4.3108	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	3.1645	3.1981	3.2358			/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552			/Mcf
DTE Gas Company						
- As Currently Billed	3.7000	3.7000	3.7000			/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700	4.0700			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	2.7268	3.0268	3.0268			/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273	3.5273			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170			/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900	5.4900			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.2000	3.2500	3.2500			/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088	4.2088			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	3.5903	3.7260	3.1565			/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095	4.2095			/Dth
Xcel Energy						
- As Currently Billed	4.3108	4.3108	4.3108			/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

March 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.31829	+ 0.32358	= 0.64187	\$75.69	4%
DTE Gas Company	12.04	0.29209	+ 0.37000	= 0.66209	\$78.25	8%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.30268	= 0.48625	\$61.63	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	54%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.32500	= 0.51624	\$64.73	-11%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.31565	= 0.41789	\$46.79	-36%
Xcel Energy	8.00	0.18840	+ 0.43108	= 0.61948	\$69.95	-4%
AVERAGE RATE	10.66	0.24718	+ 0.37281	= 0.54249	\$72.66	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2016

	Customer Charge	IRM Surcharge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	IRM Surcharge	GCR Factor	Total Vol Charge
	(\$/month)	see note 4 (\$/month)	see note 5	see note 2	see note 3 (volumetric charges in \$/ccf)	see note 4		
RESIDENTIAL SERVICE								
Sales							From Utility	
Rate A	11.50		0.02856	+	0.01952	+	0.27021	0.32358 = 0.64187
Rate A-1 Residential Multi-Family	11.50		0.02098	+	0.01952	+	0.27021	0.32358 = 0.63429
Excess Peak Demand Charge \$0.07/Mcf (Note 1)								
Customer Choice							From Others	
alternative suppliers	11.50			0.01952	0.27021		per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
Sales							From Utility	
General Service - Rate GS-1	12.50		0.2103	+	0.141	+	2.28900	0.0000 3.2358 = 5.8761
General Service - Rate GS-2	19.50	0.00	0.1580	+	0.141	+	2.07120	3.2358 = 5.6060
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.1150	+	0.141	+	1.07300	3.2358 = 4.5648
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.1150	+	0.0046	+	1.01830	3.2358 = 4.3737
Customer Choice							From Others	
alternative suppliers	(see above)				(see above)		per contract	
Transportation					(volumetric charges in \$/Mcf)		From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.0835		0.141	0.9484	per contract	
ST Optional Maximum Rate			0.0835		0.141	1.4226	per contract	
ST Optional Minimum Rate			0.0835		0.141	0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0835		0.0046	0.9484	per contract	
ST Optional Maximum Rate			0.0835		0.0046	1.4226	per contract	
ST Optional Minimum Rate			0.0835		0.0046	0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.0569		0.141	0.6186	- per contract	
LT Optional Maximum Rate			0.0569		0.141	0.9279	per contract	
LT Optional Minimum Rate			0.0569		0.141	0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0569		0.0046	0.6186	- per contract	
LT Optional Maximum Rate			0.0569		0.0046	0.9279	per contract	
LT Optional Minimum Rate			0.0569		0.0046	0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.0362		0.141	0.4868	per contract	
XLT Optional Maximum Rate			0.0362		0.141	0.7302	per contract	
XLT Optional Minimum Rate			0.0362		0.141	0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0362		0.0046	0.4868	per contract	
XLT Optional Maximum Rate			0.0362		0.0046	0.7302	per contract	
XLT Optional Minimum Rate			0.0362		0.0046	0.2434	per contract	
XLT Remote Meter Charge	70.00		0.0362				per contract	
OTHER								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00					includes gas		
2.6 to 4.5 CF/Hr	23.00					includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase Surcharge effective for service rendered on and after January 14, 2016 per U-17882

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										March 1, 2016		
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge	
		see note 2	see note 1	see note 3	see note 4	(volumetric charges in \$/Ccf metered)						
RESIDENTIAL SERVICE (\$/month)												
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	13.00	0.000000	0.01696	0.000000	0.00790	0.15871	+(0.25000	+ 0.05268	= 0.30268	)=	0.48625
Gas Light Rate-Residential						0.15871	+(0.25000	+ 0.05268	= 0.30268	)=	0.46139
Customer Choice-Residential alternative suppliers	(see above)	0.000000	(see above)	(see above)	N/A		From Others	Reservation Charge				
							+ per contract	+ 0.05268				
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)												
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	35.00	0.000000	4.71	0.000000	0.07900	1.58700	+(2.50000	+ 0.5268	= 3.0268	)=	4.69280
Large General Service	425.00	0.000000	109.74		0.07900	1.03220	+(2.50000	+ 0.5268	= 3.0268	)=	4.13800
GasLight Rate-Commercial			5.32		0.07900	1.58700	+(2.50000	+ 0.5268	= 3.0268	)=	4.69280
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge				
							+ per contract	+ 0.52680				
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		see note 2										
		\$/mo										
Transportation												
TR-1	850.00	0.000000	40.54			0.7777	0.6277					
TR-2	2,250.00	0.000000	124.77			0.4796	0.3296					
TR-3	3,050.00	0.000000	523.64			0.4651	0.3151					
Note 1: Effective for service rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17789												
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.												
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547												
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.												
Customer Attachment Program												
Rates at michigangasutilities.com												
Understanding your bill at michigangasutilities.com												
Rate Books												

DTE GAS COMPANY											March 1, 2016				
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	see note 4 (volumetric charges in \$/Ccf metered)								
RESIDENTIAL SERVICE															
Sales											From Utility				
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	0.02900	+	0.37000	=	0.66209	
Residential Multi Family Rate 2A Class 1	10.50	0.00	6.42	0.00	0.00	+	0.01289	+	0.24942	+	0.02900	+	0.37000	=	0.66131
Residential Multi Family Rate 2A Class 2	26.20	0.00	6.42	0.00		0.01289	+	0.24942	+	0.02900	+	0.37000	=	0.66131	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+		+	0.37000	=	0.63309	
Customer Choice											From Others				
alternative suppliers	(see above)						(see above)	+	0.02900	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE															
Sales											(volumetric charges in \$/Mcf metered)				
Rate GS-1											From Utility				
Rate GS-1	26.20	0.00	4.40	0.00		0.1289	+	2.4821	+	0.29000	+	3.7000	=	6.6010	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1289	+	1.9995	+	0.29000	+	3.7000	=	6.1184	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.014	+	1.9995	+	0.29000	+	3.7000	=	6.0035	
Rate S	200.00	0.00	48.38	0.00		0.1289	+	1.5968	+	0.29000	+	3.7000	=	5.7157	
Customer Choice											From Others				
alternative suppliers	(see above)						(see above)			per contract					
Transportation											From Others				
Rate ST (cost based rate)	2030.00		194.99	0.00		0.014		0.7959		per contract					
Maximum (optional)	2030.00		194.99	0.00		0.014		1.3618		per contract					
Minimum (optional)	2030.00		194.99	0.00		0.014		0.2300		per contract					
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014		0.6001		per contract					
Maximum (optional)	3660.00		500.00	0.00		0.014		0.9702		per contract					
Minimum (optional)	3660.00		500.00	0.00		0.014		0.2300		per contract					
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014		0.5068		per contract					
Maximum (optional)	9100.00		500.00	0.00		0.014		0.8336		per contract					
Minimum (optional)	9100.00		500.00	0.00		0.014		0.1800		per contract					
Rate XXL (cost based rate)	120000.00		500.00	0.00		0.014		0.1652		per contract					
Maximum (optional)	120000.00		500.00	0.00		0.014		0.8336		per contract					
Minimum (optional)	120000.00		500.00	0.00		0.014		0.0500		per contract					
EUT Exploratory Program						0.0079									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

March 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.26000	+ 0.06500	= 0.32500	)= 0.51624	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06500			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.60000	+ 0.6500	+ 3.2500	)= 6.27960	
	(>9 Dth)			0.0001	1.8203	2.60000	0.6500	3.2500	5.07040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.60000	+ 0.6500	+ 3.2500	)= 5.85250	
	(>9 Dth)			0.0001	1.3932	2.60000	0.6500	3.2500	4.64330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.60000	+ 0.6500	+ 3.2500	)= 5.55780	
	(>9 Dth)			0.0001	1.0985	2.60000	0.6500	3.2500	4.34860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.65000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10224	+	0.31565 = 0.41789
Seasonal	10.00	0.10224	+	0.31565 = 0.41789
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	10.00	0.8514	+	3.1565 = 4.0079
Small Seasonal	20.00	0.8514	+	3.1565 = 4.0079
Large	120.21	0.6214	+	3.1565 = 3.7779
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.5417 = 0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		5.4170 = 8.6200
Large	188.00	2.3360		5.4170 = 7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.18840	+	0.43108 = 0.61948
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	21.50	1.3000	+	4.3108 = 5.6108
Firm (304)	433.00	1.3000	+	4.3108 = 5.6108
Interruptible (303)	130.00	0.5600	+	4.3108 = 4.8708
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

February 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.1981	4.0552 /Mcf	U-17693
DTE Gas Company	<i>No Change</i>	3.7000	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Increase</i>	3.0268	3.5273 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	5.4170	5.4900 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Increase</i>	3.2500	4.2088 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	3.7260	4.2095 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	4.3108	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	3.1645	3.1981				/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552	4.0552				/Mcf
DTE Gas Company						
- As Currently Billed	3.7000	3.7000				/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700	4.0700				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	2.7268	3.0268				/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273	3.5273				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170				/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900	5.4900				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.2000	3.2500				/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088	4.2088				/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	3.5903	3.7260				/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095	4.2095				/Dth
Xcel Energy						
- As Currently Billed	4.3108	4.3108				/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410	5.5410				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

February 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.31829	+ 0.31981 =	0.63810	\$75.31	3%
DTE Gas Company	12.04	0.29209	+ 0.37000 =	0.66209	\$78.25	7%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.30268 =	0.48625	\$61.63	-16%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417 =	0.99610	\$111.61	52%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.32500 =	0.51624	\$64.73	-12%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.37260 =	0.47484	\$52.48	-29%
Xcel Energy	8.00	0.18840	+ 0.43108 =	0.61948	\$69.95	-5%
AVERAGE RATE	10.66	0.24718	+ 0.38041 =	0.54914	\$73.42	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2016

	Customer Charge	IRM Surcharge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	IRM Surcharge	GCR Factor	Total Vol Charge
		see note 4	see note 5	see note 2	see note 3	see note 4		
	(\$/month)	(\$/month)			(volumetric charges in \$/ccf)			
RESIDENTIAL SERVICE								
Sales							From Utility	
Rate A	11.50		0.02856	+	0.01952	+	0.27021	0.31981 = 0.63810
Rate A-1 Residential Multi-Family	11.50		0.02098	+	0.01952	+	0.27021	0.31981 = 0.63052
Excess Peak Demand Charge \$0.07/Mcf (Note 1)								
Customer Choice							From Others	
alternative suppliers	11.50			0.01952	0.27021		per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
	(\$/month)				(volumetric charges in \$/Mcf)			
Sales							From Utility	
General Service - Rate GS-1	12.50		0.2103	+	0.141	+	2.28900	0.0000 3.1981 = 5.8384
General Service - Rate GS-2	19.50	0.00	0.1580	+	0.141	+	2.07120	3.1981 = 5.5683
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.1150	+	0.141	+	1.07300	3.1981 = 4.5271
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.1150	+	0.0046	+	1.01830	3.1981 = 4.3360
Customer Choice							From Others	
alternative suppliers	(see above)				(see above)		per contract	
Transportation					(volumetric charges in \$/Mcf)		From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.0835		0.141	0.9484	per contract	
ST Optional Maximum Rate			0.0835		0.141	1.4226	per contract	
ST Optional Minimum Rate			0.0835		0.141	0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0835		0.0046	0.9484	per contract	
ST Optional Maximum Rate			0.0835		0.0046	1.4226	per contract	
ST Optional Minimum Rate			0.0835		0.0046	0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.0569		0.141	0.6186	- per contract	
LT Optional Maximum Rate			0.0569		0.141	0.9279	per contract	
LT Optional Minimum Rate			0.0569		0.141	0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0569		0.0046	0.6186	- per contract	
LT Optional Maximum Rate			0.0569		0.0046	0.9279	per contract	
LT Optional Minimum Rate			0.0569		0.0046	0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.0362		0.141	0.4868	per contract	
XLT Optional Maximum Rate			0.0362		0.141	0.7302	per contract	
XLT Optional Minimum Rate			0.0362		0.141	0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0362		0.0046	0.4868	per contract	
XLT Optional Maximum Rate			0.0362		0.0046	0.7302	per contract	
XLT Optional Minimum Rate			0.0362		0.0046	0.2434	per contract	
XLT Remote Meter Charge	70.00		0.0362				per contract	
OTHER								
	(\$/month)							
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00					includes gas		
2.6 to 4.5 CF/Hr	23.00					includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim Rate Increase Surcharge effective for service rendered on and after January 14, 2016 per U-17882

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										February 1, 2016	
	Customer Charge	UETM	EO Charge	RDM	Gas Supply Acquisition	Distribution Charge					Total Vol Charge
		see note 2	see note 1	see note 3	see note 4						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	13.00	1.040000	0.01696	0.000000	0.00790	0.15871	+(0.25000	+ 0.05268	= 0.30268	)= 0.48625
Gas Light Rate-Residential						0.15871	+(0.25000	+ 0.05268	= 0.30268	)= 0.46139
Customer Choice-Residential alternative suppliers	(see above)	1.040000	(see above)	(see above)	N/A		From Others	Reservation Charge			
							+ per contract	+ 0.05268			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)										
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	35.00	1.04000	4.71	0.00000	0.07900	1.58700	+(2.5000	+ 0.5268	= 3.0268	)= 4.69280
Large General Service	425.00	1.04000	109.74		0.07900	1.03220	+(2.5000	+ 0.5268	= 3.0268	)= 4.13800
GasLight Rate-Commercial			5.32		0.07900	1.58700	+(2.5000	+ 0.5268	= 3.0268	)= 4.69280
Customer Choice-Comm. & Ind. alternative suppliers	(see above)		(see above)				From Others	Reservation Charge			
							+ per contract	+ 0.52680			
	Customer Charge	UETM	EO Charge			On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
		see note 2									
Transportation		\$/mo									
TR-1	850.00	1.04000	40.54			0.7777	0.6277				
TR-2	2,250.00	1.04000	124.77			0.4796	0.3296				
TR-3	3,050.00	1.04000	523.64			0.4651	0.3151				
Note 1: Effective for service rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17789											
Note 2: One-time surcharge of \$1.04 in February 2016 business, on a bill rendered basis, on all active accounts except Special Contract accounts. Uncollectible Expense Tracking Mechanism adjustment per U-17548.											
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547											
Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.											
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books											

DTE GAS COMPANY										February 1, 2016					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4						
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	From Utility = 0.66209					
Residential Multi Family Rate 2A Class 1	10.50	0.00	6.42	0.00	0.00	+	0.01289	+	0.24942	+	0.02900	+	0.37000	=	0.66131
Residential Multi Family Rate 2A Class 2	26.20	0.00	6.42	0.00		0.01289	+	0.24942	+	0.02900	+	0.37000	=	0.66131	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+		+	0.37000	=	0.63309	
Customer Choice															
alternative suppliers	(see above)						(see above)	+	0.02900	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	26.20	0.00	4.40	0.00		0.1289	+	2.4821	+	0.29000	+	3.7000	=	6.6010	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1289	+	1.9995	+	0.29000	+	3.7000	=	6.1184	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.014	+	1.9995	+	0.29000	+	3.7000	=	6.0035	
Rate S	200.00	0.00	48.38	0.00		0.1289	+	1.5968	+	0.29000	+	3.7000	=	5.7157	
Customer Choice															
alternative suppliers	(see above)						(see above)								
Transportation															
Rate ST (cost based rate)	2030.00		194.99	0.00		0.014		0.7959							
Maximum (optional)	2030.00		194.99	0.00		0.014		1.3618							
Minimum (optional)	2030.00		194.99	0.00		0.014		0.2300							
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014		0.6001							
Maximum (optional)	3660.00		500.00	0.00		0.014		0.9702							
Minimum (optional)	3660.00		500.00	0.00		0.014		0.2300							
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014		0.5068							
Maximum (optional)	9100.00		500.00	0.00		0.014		0.8336							
Minimum (optional)	9100.00		500.00	0.00		0.014		0.1800							
Rate XXL (cost based rate)	120000.00		500.00	0.00		0.014		0.1652							
Maximum (optional)	120000.00		500.00	0.00		0.014		0.8336							
Minimum (optional)	120000.00		500.00	0.00		0.014		0.0500							
EUT Exploratory Program						0.0079									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822 - Removed															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

February 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.26000	+ 0.06500	= 0.32500	)= 0.51624	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06500			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.60000	+ 0.6500	+ 3.2500	)= 6.27960	
	(>9 Dth)			0.0001	1.8203	2.60000	0.6500	3.2500	5.07040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.60000	+ 0.6500	+ 3.2500	)= 5.85250	
	(>9 Dth)			0.0001	1.3932	2.60000	0.6500	3.2500	4.64330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.60000	+ 0.6500	+ 3.2500	)= 5.55780	
	(>9 Dth)			0.0001	1.0985	2.60000	0.6500	3.2500	4.34860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.65000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10224	+ 0.37260	= 0.47484
Seasonal	10.00	0.10224	+ 0.37260	= 0.47484
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	10.00	0.8514	+ 3.7260	= 4.5774
Small Seasonal	20.00	0.8514	+ 3.7260	= 4.5774
Large	120.21	0.6214	+ 3.7260	= 4.3474
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.18840	+ 0.43108	= 0.61948
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	21.50	1.3000	+ 4.3108	= 5.6108
Firm (304)	433.00	1.3000	+ 4.3108	= 5.6108
Interruptible (303)	130.00	0.5600	+ 4.3108	= 4.8708
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

January 1, 2016

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.1645	4.0552 /Mcf	U-17693
DTE Gas Company	<i>Decrease</i>	3.7000	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Decrease</i>	2.7268	3.5273 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	5.4170	5.4900 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.2000	4.2088 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.5903	4.2095 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	4.3108	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2016

Calendar Year of GCR Factors

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	3.1645					/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	4.0552					/Mcf
DTE Gas Company						
- As Currently Billed	3.7000					/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.0700					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	2.7268					/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	3.5273					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170					/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4900					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.2000					/Dth
<u>-U-17692 - As Filed or as Ordered</u>	4.2088					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	3.5903					/Dth
<u>-U-17650 - As Filed or as Ordered</u>	4.2095					/Dth
Xcel Energy						
- As Currently Billed	4.3108					/Dth
<u>-U-17694 - As Filed or as Ordered</u>	5.5410					/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2016

Calendar Year of GCR Factors

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

January 1, 2016

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.28973	+ 0.31645 =	0.60618	\$72.12	0%
DTE Gas Company	12.04	0.29209	+ 0.37000 =	0.66209	\$78.25	8%
Michigan Gas Utilities Corp	13.00	0.18357	+ 0.27268 =	0.45625	\$58.63	-19%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417 =	0.99610	\$111.61	54%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.19124	+ 0.32000 =	0.51124	\$64.23	-11%
Wisconsin Public Service Corp	5.00	0.10224	+ 0.35903 =	0.46127	\$51.13	-29%
Xcel Energy	8.00	0.18840	+ 0.43108 =	0.61948	\$69.95	-3%
AVERAGE RATE	10.66	0.24310	+ 0.37299 =	0.53908	\$72.27	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2016

	Customer Charge	IRM Surcharge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	IRM Surcharge	GCR Factor	Total Vol Charge
		see note 4	see note 5	see note 2	see note 3	see note 4		
	(\$/month)	(\$/month)	(\$/Mcf)					
RESIDENTIAL SERVICE								
								(volumetric charges in \$/ccf)
Sales								
Rate A	11.50		0.0000	+ 0.01952	+ 0.27021		From Utility	
Rate A-1 Residential Multi-Family	11.50		0.0000	+ 0.01952	+ 0.27021		0.31645	= 0.60618
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							0.31645	= 0.60618
Customer Choice								
alternative suppliers	11.50			0.01952	0.27021		From Others	
							per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
								(volumetric charges in \$/Mcf)
Sales								
General Service - Rate GS-1	12.50		0.0000	+ 0.141	+ 2.28900	0.0000	From Utility	
General Service - Rate GS-2	19.50	0.00	0.0000	+ 0.141	+ 2.07120		3.1645	= 5.5945
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.0000	+ 0.141	+ 1.07300		3.1645	= 5.3767
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.0000	+ 0.0046	+ 1.01830		3.1645	= 4.3785
							3.1645	= 4.1874
Customer Choice								
alternative suppliers	(see above)				(see above)		From Others	
							per contract	
Transportation								
								(volumetric charges in \$/Mcf)
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.0000	0.141	0.9484		From Others	
ST Optional Maximum Rate			0.0000	0.141	1.4226		per contract	
ST Optional Minimum Rate			0.0000	0.141	0.4742		per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0000	0.0046	0.9484		per contract	
ST Optional Maximum Rate			0.0000	0.0046	1.4226		per contract	
ST Optional Minimum Rate			0.0000	0.0046	0.4742		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.0000	0.141	0.6186	-	per contract	
LT Optional Maximum Rate			0.0000	0.141	0.9279		per contract	
LT Optional Minimum Rate			0.0000	0.141	0.3093		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0000	0.0046	0.6186	-	per contract	
LT Optional Maximum Rate			0.0000	0.0046	0.9279		per contract	
LT Optional Minimum Rate			0.0000	0.0046	0.3093		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.0000	0.141	0.4868		per contract	
XLT Optional Maximum Rate			0.0000	0.141	0.7302		per contract	
XLT Optional Minimum Rate			0.0000	0.141	0.2434		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0000	0.0046	0.4868		per contract	
XLT Optional Maximum Rate			0.0000	0.0046	0.7302		per contract	
XLT Optional Minimum Rate			0.0000	0.0046	0.2434		per contract	
XLT Remote Meter Charge	70.00		0.0000				per contract	
OTHER								
								(\$/month)
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00						includes gas	
2.6 to 4.5 CF/Hr	23.00						includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2016 Consumers will pay the Energy Efficiency Program Surcharge per U-17771

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim rate Increase Reconciliation Surcharge effective for the October 2015 billing month per U-17868 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.									
									January 1, 2016
	Customer Charge	EO Charge	UETM	RDM	Gas Supply Acquisition	Distribution Charge			Total Vol Charge
		see note 1	see note 2	see note 3	see note 4				
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)			
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Residential Service	13.00	0.01696	0.000000	0.000000	0.00790	0.15871	+(0.22000	+ 0.05268	= 0.27268)= 0.45625
Gas Light Rate-Residential						0.15871	+(0.22000	+ 0.05268	= 0.27268)= 0.43139
Customer Choice-Residential alternative suppliers	(see above)	(see above)	0.000000	(see above)	N/A		From Others	Reservation Charge	
							+ per contract	+ 0.05268	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf)			
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor
Small General Service	35.00	4.71	0.00000	0.00000	0.07900	1.58700	+(2.2000	+ 0.5268	= 2.7268)= 4.39280
Large General Service	425.00	109.74	0.00000		0.07900	1.03220	+(2.2000	+ 0.5268	= 2.7268)= 3.83800
GasLight Rate-Commercial		5.32			0.07900	1.58700	+(2.2000	+ 0.5268	= 2.7268)= 4.39280
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)					From Others	Reservation Charge	
							+ per contract	+ 0.52680	
Transportation	\$/mo								
TR-1	850.00	40.54		0.00000			0.7777	0.6277	
TR-2	2,250.00	124.77		0.00000			0.4796	0.3296	
TR-3	3,050.00	523.64		0.00000			0.4651	0.3151	
Note 1: Effective for service rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17789 Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548 Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547 Note 4: Effective for service rendered on and after January 1, 2016. Not applicable to Gas Choice customers or Aggregated Transportation accounts.									
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books									

DTE GAS COMPANY										January 1, 2016	
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4		
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	From Utility	
Residential Multi Family Rate 2A Class 1	10.50	0.00	6.42	0.00	0.00	0.01289	+	0.24942	+	0.37000 = 0.66209	
Residential Multi Family Rate 2A Class 2	26.20	0.00	6.42	0.00		0.01289	+	0.24942	+	0.37000 = 0.66131	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01367	+	0.24942	+	0.37000 = 0.63309	
Customer Choice											
alternative suppliers	(see above)						(see above)	+	0.02900	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	26.20	0.00	4.40	0.00		0.1289	+	2.4821	+	From Utility	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1289	+	1.9995	+	0.29000 + 3.7000 = 6.6010	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.014	+	1.9995	+	0.29000 + 3.7000 = 6.1184	
Rate S	200.00	0.00	48.38	0.00		0.1289	+	1.5968	+	0.29000 + 3.7000 = 6.0035	
Customer Choice											
alternative suppliers	(see above)						(see above)			From Others	
Transportation											
Rate ST (cost based rate)	2030.00		194.99	0.00		0.014		0.7959		From Others	
Maximum (optional)	2030.00		194.99	0.00		0.014		1.3618		per contract	
Minimum (optional)	2030.00		194.99	0.00		0.014		0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.014		0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.014		0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.014		0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.014		0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.014		0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.014		0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.014		0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.014		0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.014		0.0500		per contract	
EUT Exploratory Program						0.0079					
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge								10.0000			
Load Balancing Storage Charge								0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective January 1, 2016 to December 31, 2016, customers will pay the EO surcharge approved in U-17841.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131											
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214											
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822 - Removed											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:	see	Rate Books								for more details	

SEMCO ENERGY GAS COMPANY

January 1, 2016

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01782	0.17342	+(0.25900	+ 0.06100	= 0.32000	)= 0.51124	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06100			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.2093	1.8203	+(2.59000	+ 0.6100	+ 3.2000	)= 6.22960	
	(>9 Dth)			0.0001	1.8203	2.59000	0.6100	3.2000	5.02040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.2093	1.3932	+(2.59000	+ 0.6100	+ 3.2000	)= 5.80250	
	(>9 Dth)			0.0001	1.3932	2.59000	0.6100	3.2000	4.59330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.2093	1.0985	+(2.59000	+ 0.6100	+ 3.2000	)= 5.50780	
	(>9 Dth)			0.0001	1.0985	2.59000	0.6100	3.2000	4.29860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.61000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17790.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2016

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10224	+ 0.35903	= 0.46127
Seasonal	10.00	0.10224	+ 0.35903	= 0.46127
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	10.00	0.8514	+ 3.5903	= 4.4417
Small Seasonal	20.00	0.8514	+ 3.5903	= 4.4417
Large	120.21	0.6214	+ 3.5903	= 4.2117
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+ 0.43108	= 0.61948
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+ 4.3108	= 5.6108
Firm (304)	433.00	1.3000	+ 4.3108	= 5.6108
Interruptible (303)	130.00	0.5600	+ 4.3108	= 4.8708
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17834. For (WPSC) bills rendered on and after January 1, 2016, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

December 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		<u>\$/unit</u>	<u>\$/unit</u>	<u>case no</u>
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.1777	4.0552 /Mcf	<u>U-17693</u>
DTE Gas Company	<i>Unchanged</i>	4.0700	4.0700 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.0268	3.5273 /Mcf	<u>U-17690</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	5.4170	5.4900 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Decrease</i>	3.4500	4.2088 /Dth	<u>U-17692</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	4.1142	4.2095 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.8428	5.5410 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2015

Calendar Year of GCR Factors

	Jul-15 \$/unit	Aug-15 \$/unit	Sep-15 \$/unit	Oct-15 \$/unit	Nov-15 \$/unit	Dec-15 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	3.2810	3.3375	3.3645	3.3134	3.2415	3.1770	/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.0700	4.0700	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.0700	4.0700	4.0700	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	3.5273	3.5273	3.2268	3.2268	3.0268	3.0268	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.3288	4.3288	4.3288	4.3288	3.5273	3.5273	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.8290	4.8290	4.8290	5.4170	5.4170	5.4170	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	5.4900	5.4900	5.4900	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	3.9700	3.9700	3.8500	3.7500	3.6500	3.4500	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.5704	4.5704	4.2088	4.2088	4.2088	4.2088	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	5.6668	5.5564	5.6528	5.3071	4.1142	4.1142	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	4.2095	4.2095	/Dth
Xcel Energy							
- As Currently Billed	4.9093	4.9093	4.9093	4.8428	4.8428	4.8428	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	5.5410	5.5410	5.5410	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

December 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.50	0.29129	+ 0.31777	= 0.60906	\$72.41	-3%
DTE Gas Company	12.04	0.29519	+ 0.40700	= 0.70219	\$82.26	10%
Michigan Gas Utilities Corp	12.00	0.17682	+ 0.30268	= 0.47950	\$59.95	-20%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	49%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18110	+ 0.34500	= 0.52610	\$65.72	-12%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.41142	= 0.51076	\$56.08	-25%
Xcel Energy	8.00	0.18840	+ 0.48428	= 0.67268	\$75.27	1%
AVERAGE RATE	10.52	0.24093	+ 0.40141	= 0.56205	\$74.76	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2015

	Customer Charge	IRM Surcharge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	IRM Surcharge	GCR Factor	Total Vol Charge
		see note 4	see note 5	see note 2	see note 3	see note 4		
	(\$/month)	(\$/month)	(\$/Mcf)					(volumetric charges in \$/ccf)
RESIDENTIAL SERVICE								
Sales							From Utility	
Rate A	11.50		0.0000	+	0.02108	+	0.27021	0.31777 = 0.60906
Rate A-1 Residential Multi-Family	11.50		0.0000	+	0.02108	+	0.27021	0.31777 = 0.60906
Excess Peak Demand Charge \$0.07/Mcf (Note 1)								
Customer Choice							From Others	
alternative suppliers	11.50			0.02108	0.27021		per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							(volumetric charges in \$/Mcf)
Sales							From Utility	
General Service - Rate GS-1	12.50		0.0000	+	0.1387	+	2.28900	0.0000 3.1777 = 5.6054
General Service - Rate GS-2	19.50	0.00	0.0000	+	0.1387	+	2.07120	3.1777 = 5.3876
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.0000	+	0.1387	+	1.07300	3.1777 = 4.3894
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.0000	+	0.0049	+	1.01830	3.1777 = 4.2009
Customer Choice							From Others	
alternative suppliers	(see above)				(see above)		per contract	
Transportation					(volumetric charges in \$/Mcf)		From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.0000		0.1387	0.9484	per contract	
ST Optional Maximum Rate			0.0000		0.1387	1.4226	per contract	
ST Optional Minimum Rate			0.0000		0.1387	0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0000		0.0049	0.9484	per contract	
ST Optional Maximum Rate			0.0000		0.0049	1.4226	per contract	
ST Optional Minimum Rate			0.0000		0.0049	0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.0000		0.1387	0.6186	- per contract	
LT Optional Maximum Rate			0.0000		0.1387	0.9279	per contract	
LT Optional Minimum Rate			0.0000		0.1387	0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0000		0.0049	0.6186	- per contract	
LT Optional Maximum Rate			0.0000		0.0049	0.9279	per contract	
LT Optional Minimum Rate			0.0000		0.0049	0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.0000		0.1387	0.4868	per contract	
XLT Optional Maximum Rate			0.0000		0.1387	0.7302	per contract	
XLT Optional Minimum Rate			0.0000		0.1387	0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0000		0.0049	0.4868	per contract	
XLT Optional Maximum Rate			0.0000		0.0049	0.7302	per contract	
XLT Optional Minimum Rate			0.0000		0.0049	0.2434	per contract	
XLT Remote Meter Charge	70.00		0.0000				per contract	
OTHER	(\$/month)							
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00					includes gas		
2.6 to 4.5 CF/Hr	23.00					includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim rate Increase Reconciliation Surcharge effective for the October 2015 billing month per U-17868 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.

December 1, 2015

	Customer Charge	EO Charge	UETM	RDM	Distribution Charge					Total Vol Charge
		see note 1	see note 2	see note 3						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)					
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	12.00	0.01737	0.000000	0.000000	0.15945	+(0.25000	+ 0.05268	= 0.30268	)=	0.47950
Residential Multi-Family										
Meter Class I	12.00	0.01737	0.000000	0.000000	0.12243	+(0.25000	+ 0.05268	= 0.30268	)=	0.44248
Gas Light Rate-Residential					0.15945	+(0.25000	+ 0.05268	= 0.30268	)=	0.46213
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.000000	(see above)		From Others	Reservation Charge			
						+ per contract	+ 0.05268			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor		
Sales										
Small General Service	33.00	4.25	0.00000	0.00000	1.59450	+(2.5000	+ 0.5268	= 3.0268	)=	4.62130
Large General Service	400.00	103.01	0.00000		1.03220	+(2.5000	+ 0.5268	= 3.0268	)=	4.05900
Gas Light Rate-Commercial		8.91			1.59450	+(2.5000	+ 0.5268	= 3.0268	)=	4.62130
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)				From Others	Reservation Charge			
						+ per contract	+ 0.52680			
	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation		\$/mo		see note 2						
TR-1	850.00	38.99	0.00000	0.7777	0.6277					
TR-2	2,250.00	113.49	0.00000	0.4796	0.3296					
TR-3	3,050.00	537.48	0.00000	0.4651	0.3151					

Note 1: Effective for service rendered on and after August 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17842

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectable Expense Tracking Mechanism per U-17548

Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

[Rate Books](#)

DTE GAS COMPANY										December 1, 2015					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4						
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	-1.21	1.54	0.00		0.01777	+	0.24942	+	From Utility = 0.70219					
Residential Multi Family Rate 2A Class 1	10.50	9.70	6.42	0.00	0.00	+	0.01427	+	0.24942	+	0.02800	+	0.40700	=	0.69869
Residential Multi Family Rate 2A Class 2	26.20	5.05	6.42	0.00		0.01427	+	0.24942	+	0.02800	+	0.40700	=	0.69869	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	1.23	1.54	0.00		0.01777	+	0.24942	+		+	0.40700	=	0.67419	
Customer Choice												From Others			
alternative suppliers	(see above)						(see above)	+	0.02800	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	26.20	-0.39	4.40	0.00		0.1427	+	2.4821	+	0.28000	+	4.0700	=	6.9748	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1427	+	1.9995	+	0.28000	+	4.0700	=	6.4922	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.0135	+	1.9995	+	0.28000	+	4.0700	=	6.3630	
Rate S	200.00	-243.12	48.38	0.00		0.1427	+	1.5968	+	0.28000	+	4.0700	=	6.0895	
Customer Choice												From Others			
alternative suppliers	(see above)						(see above)					per contract			
Transportation															
Rate ST (cost based rate)	2030.00		194.99	0.00		0.0135		0.7959				per contract			
Maximum (optional)	2030.00		194.99	0.00		0.0135		1.3618				per contract			
Minimum (optional)	2030.00		194.99	0.00		0.0135		0.2300				per contract			
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135		0.6001				per contract			
Maximum (optional)	3660.00		500.00	0.00		0.0135		0.9702				per contract			
Minimum (optional)	3660.00		500.00	0.00		0.0135		0.2300				per contract			
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135		0.5068				per contract			
Maximum (optional)	9100.00		500.00	0.00		0.0135		0.8336				per contract			
Minimum (optional)	9100.00		500.00	0.00		0.0135		0.1800				per contract			
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135		0.1652				per contract			
Maximum (optional)	120000.00		500.00	0.00		0.0135		0.8336				per contract			
Minimum (optional)	120000.00		500.00	0.00		0.0135		0.0500				per contract			
EUT Exploratory Program						0.0069									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

December 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.00768	0.17342	+(0.29228	+ 0.05272	= 0.34500	)= 0.52610	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.05272			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	0.05316	1.8203	+(2.92280	+ 0.5272	+ 3.4500	)= 5.32346	
	(>9 Dth)			0.0001	1.8203	2.92280	0.5272	3.4500	5.27040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	0.05316	1.3932	+(2.92280	+ 0.5272	+ 3.4500	)= 4.89636	
	(>9 Dth)			0.0001	1.3932	2.92280	0.5272	3.4500	4.84330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	0.05316	1.0985	+(2.92280	+ 0.5272	+ 3.4500	)= 4.60166	
	(>9 Dth)			0.0001	1.0985	2.92280	0.5272	3.4500	4.54860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.52720			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after October 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17843.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934	+ 0.41142	= 0.51076
Seasonal	10.00	0.09934	+ 0.41142	= 0.51076
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.93	0.8514	+ 4.1142	= 4.9656
Small Seasonal	19.86	0.8514	+ 4.1142	= 4.9656
Large	102.39	0.6214	+ 4.1142	= 4.7356
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+ 0.48428	= 0.67268
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+ 4.8428	= 6.1428
Firm (304)	433.00	1.3000	+ 4.8428	= 6.1428
Interruptible (303)	130.00	0.5600	+ 4.8428	= 5.4028
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

November 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		<u>\$/unit</u>	<u>\$/unit</u>	<u>case no</u>
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.2415	4.0552 /Mcf	<u>U-17693</u>
DTE Gas Company	<i>Unchanged</i>	4.0700	4.0700 /Mcf	<u>U-17691</u>
Michigan Gas Utilities Corp	<i>Decrease</i>	3.0268	3.5273 /Mcf	<u>U-17690</u>
Presque Isle E. & G. Coop.	<i>Unchanged</i>	5.4170	5.4900 /Mcf	<u>U-17695</u>
SEMCO Energy Gas Co	<i>Decrease</i>	3.6500	4.2088 /Dth	<u>U-17692</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	4.1142	4.2095 /Dth	<u>U-17650</u>
Xcel Energy	<i>Unchanged</i>	4.8428	5.5410 /Dth	<u>U-17694</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	3.2810	3.3375	3.3645	3.3134	3.2415	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company						
- As Currently Billed	4.0700	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	4.0700	4.0700	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5273	3.5273	3.2268	3.2268	3.0268	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.3288	4.3288	4.3288	4.3288	3.5273	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.8290	4.8290	4.8290	5.4170	5.4170	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	5.4900	5.4900	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.9700	3.9700	3.8500	3.7500	3.6500	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.5704	4.5704	4.2088	4.2088	4.2088	/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.6668	5.5564	5.6528	5.3071	4.1142	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	4.2095	/Dth
Xcel Energy						
- As Currently Billed	4.9093	4.9093	4.9093	4.8428	4.8428	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	5.5410	5.5410	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

November 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.32415	= 0.61544	\$73.04	-3%
DTE Gas Company	12.04	0.29519	+ 0.40700	= 0.70219	\$82.26	9%
Michigan Gas Utilities Corp	12.00	0.17682	+ 0.30268	= 0.47950	\$59.95	-20%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	49%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18110	+ 0.36500	= 0.54610	\$67.72	-10%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.41142	= 0.51076	\$56.08	-25%
Xcel Energy	8.00	0.18840	+ 0.48428	= 0.67268	\$75.27	0%
AVERAGE RATE	10.52	0.24093	+ 0.40518	= 0.56535	\$75.13	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2015

	Customer Charge	IRM Surcharge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	IRM Surcharge	GCR Factor	Total Vol Charge
		see note 4	see note 5	see note 2	see note 3	see note 4		
	(\$/month)	(\$/month)	(\$/Mcf)					(volumetric charges in \$/ccf)
RESIDENTIAL SERVICE								
Sales							From Utility	
Rate A	11.50		0.0000	+	0.02108	+	0.27021	0.32415 = 0.61544
Rate A-1 Residential Multi-Family	11.50		0.0000	+	0.02108	+	0.27021	0.32415 = 0.61544
Excess Peak Demand Charge \$0.07/Mcf (Note 1)								
Customer Choice							From Others	
alternative suppliers	11.50			0.02108	0.27021		per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE								
	(\$/month)							(volumetric charges in \$/Mcf)
Sales							From Utility	
General Service - Rate GS-1	12.50		0.0000	+	0.1387	+	2.28900	0.0000 3.2415 = 5.6692
General Service - Rate GS-2	19.50	0.00	0.0000	+	0.1387	+	2.07120	3.2415 = 5.4514
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.0000	+	0.1387	+	1.07300	3.2415 = 4.4532
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.0000	+	0.0049	+	1.01830	3.2415 = 4.2647
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)			per contract	
Transportation							From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.0000		0.1387	0.9484	per contract	
ST Optional Maximum Rate			0.0000		0.1387	1.4226	per contract	
ST Optional Minimum Rate			0.0000		0.1387	0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0000		0.0049	0.9484	per contract	
ST Optional Maximum Rate			0.0000		0.0049	1.4226	per contract	
ST Optional Minimum Rate			0.0000		0.0049	0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.0000		0.1387	0.6186	- per contract	
LT Optional Maximum Rate			0.0000		0.1387	0.9279	per contract	
LT Optional Minimum Rate			0.0000		0.1387	0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0000		0.0049	0.6186	- per contract	
LT Optional Maximum Rate			0.0000		0.0049	0.9279	per contract	
LT Optional Minimum Rate			0.0000		0.0049	0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.0000		0.1387	0.4868	per contract	
XLT Optional Maximum Rate			0.0000		0.1387	0.7302	per contract	
XLT Optional Minimum Rate			0.0000		0.1387	0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0000		0.0049	0.4868	per contract	
XLT Optional Maximum Rate			0.0000		0.0049	0.7302	per contract	
XLT Optional Minimum Rate			0.0000		0.0049	0.2434	per contract	
XLT Remote Meter Charge	70.00		0.0000				per contract	
OTHER								
	(\$/month)							
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00					includes gas		
2.6 to 4.5 CF/Hr	23.00					includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505 - Removed

Note 5: Interim rate Increase Reconciliation Surcharge effective for the October 2015 billing month per U-17868 - Removed

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.

November 1, 2015

	Customer Charge	EO Charge	UETM	RDM	Distribution Charge				Total Vol Charge
		see note 1	see note 2	see note 3					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01737	0.000000	0.000000	0.15945	+(0.25000	+ 0.05268	= 0.30268	)= 0.47950
Residential Multi-Family									
Meter Class I	12.00	0.01737	0.000000	0.000000	0.12243	+(0.25000	+ 0.05268	= 0.30268	)= 0.44248
Gas Light Rate-Residential					0.15945	+(0.25000	+ 0.05268	= 0.30268	)= 0.46213
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.000000	(see above)		From Others	Reservation Charge		
						+ per contract	+ 0.05268		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales									
Small General Service	33.00	4.25	0.00000	0.00000	1.59450	+(2.5000	+ 0.5268	= 3.0268	)= 4.62130
Large General Service	400.00	103.01	0.00000		1.03220	+(2.5000	+ 0.5268	= 3.0268	)= 4.05900
Gas Light Rate-Commercial		8.91			1.59450	+(2.5000	+ 0.5268	= 3.0268	)= 4.62130
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)				From Others	Reservation Charge		
						+ per contract	+ 0.52680		
	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation		\$/mo		see note 2					
TR-1	850.00	38.99	0.00000	0.7777	0.6277				
TR-2	2,250.00	113.49	0.00000	0.4796	0.3296				
TR-3	3,050.00	537.48	0.00000	0.4651	0.3151				

Note 1: Effective for service rendered on and after August 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17842

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectable Expense Tracking Mechanism per U-17548

Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

[Rate Books](#)

DTE GAS COMPANY										November 1, 2015					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)		see note 4						
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	-1.21	1.54	0.00		0.01777	+	0.24942	+	From Utility					
Residential Multi Family Rate 2A Class 1	10.50	9.70	6.42	0.00	0.00	+	0.01427	+	0.24942	+	0.02800	+	0.40700	=	0.70219
Residential Multi Family Rate 2A Class 2	26.20	5.05	6.42	0.00		0.01427	+	0.24942	+	0.02800	+	0.40700	=	0.69869	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	1.23	1.54	0.00		0.01777	+	0.24942	+			+	0.40700	=	0.67419
Customer Choice											From Others				
alternative suppliers	(see above)						(see above)	+	0.02800	+	per contract				
COMMERCIAL & INDUSTRIAL SERVICE											(volumetric charges in \$/Mcf metered)				
Sales											From Utility				
Rate GS-1	26.20	-0.39	4.40	0.00		0.1427	+	2.4821	+	0.28000	+	4.0700	=	6.9748	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1427	+	1.9995	+	0.28000	+	4.0700	=	6.4922	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.0135	+	1.9995	+	0.28000	+	4.0700	=	6.3630	
Rate S	200.00	-243.12	48.38	0.00		0.1427	+	1.5968	+	0.28000	+	4.0700	=	6.0895	
Customer Choice											From Others				
alternative suppliers	(see above)						(see above)				per contract				
Transportation											From Others				
Rate ST (cost based rate)	2030.00		194.99	0.00		0.0135		0.7959			per contract				
Maximum (optional)	2030.00		194.99	0.00		0.0135		1.3618			per contract				
Minimum (optional)	2030.00		194.99	0.00		0.0135		0.2300			per contract				
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135		0.6001			per contract				
Maximum (optional)	3660.00		500.00	0.00		0.0135		0.9702			per contract				
Minimum (optional)	3660.00		500.00	0.00		0.0135		0.2300			per contract				
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135		0.5068			per contract				
Maximum (optional)	9100.00		500.00	0.00		0.0135		0.8336			per contract				
Minimum (optional)	9100.00		500.00	0.00		0.0135		0.1800			per contract				
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135		0.1652			per contract				
Maximum (optional)	120000.00		500.00	0.00		0.0135		0.8336			per contract				
Minimum (optional)	120000.00		500.00	0.00		0.0135		0.0500			per contract				
EUT Exploratory Program						0.0069									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective October 1 - December 31, 2015 per U-17822															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference:	see	Rate Books	for more details												

SEMCO ENERGY GAS COMPANY

November 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.00768	0.17342	+(0.31000	+ 0.05500	= 0.36500	)= 0.54610	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.05500			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	0.05316	1.8203	+(3.10000	+ 0.5500	+ 3.6500	)= 5.52346	
	(>9 Dth)			0.0001	1.8203	3.10000	0.5500	3.6500	5.47040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	0.05316	1.3932	+(3.10000	+ 0.5500	+ 3.6500	)= 5.09636	
	(>9 Dth)			0.0001	1.3932	3.10000	0.5500	3.6500	5.04330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	0.05316	1.0985	+(3.10000	+ 0.5500	+ 3.6500	)= 4.80166	
	(>9 Dth)			0.0001	1.0985	3.10000	0.5500	3.6500	4.74860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>			(see above)		(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.55000			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after October 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17843.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934	+ 0.41142	= 0.51076
Seasonal	10.00	0.09934	+ 0.41142	= 0.51076
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.93	0.8514	+ 4.1142	= 4.9656
Small Seasonal	19.86	0.8514	+ 4.1142	= 4.9656
Large	102.39	0.6214	+ 4.1142	= 4.7356
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+ 0.48428	= 0.67268
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+ 4.8428	= 6.1428
Firm (304)	433.00	1.3000	+ 4.8428	= 6.1428
Interruptible (303)	130.00	0.5600	+ 4.8428	= 5.4028
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

October 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.3134	4.0552 /Mcf	U-17693
DTE Gas Company	<i>Unchanged</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.2268	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Increase</i>	5.4170	5.4900 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.7500	4.2088 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.3071	7.2508 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	4.8428	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2015

Calendar Year of GCR Factors

	Jul-15 \$/unit	Aug-15 \$/unit	Sep-15 \$/unit	Oct-15 \$/unit	Nov-15 \$/unit	Dec-15 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.2810	3.3375	3.3645	3.3134		/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552	4.0552		/Mcf
DTE Gas Company						
- As Currently Billed	4.0700	4.0700	4.0700	4.0700		/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	4.0700	4.0700	4.0700	4.0700		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5273	3.5273	3.2268	3.2268		/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.3288	4.3288	4.3288	4.3288		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.8290	4.8290	4.8290	5.4170		/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4900	5.4900	5.4900	5.4900		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.9700	3.9700	3.8500	3.7500		/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.5704	4.5704	4.2088	4.2088		/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6668	5.5564	5.6528	5.3071		/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508		/Dth
Xcel Energy						
- As Currently Billed	4.9093	4.9093	4.9093	4.8428		/Dth
<u>-U-17335 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410	5.5410		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

October 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.14949	+ 0.33134	= 0.48083	\$59.58	-21%
DTE Gas Company	12.04	0.29519	+ 0.40700	= 0.70219	\$82.26	9%
Michigan Gas Utilities Corp	12.00	0.17682	+ 0.32268	= 0.49950	\$61.95	-18%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	48%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18110	+ 0.37500	= 0.55610	\$68.72	-9%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.53071	= 0.63005	\$68.01	-10%
Xcel Energy	8.00	0.18840	+ 0.48428	= 0.67268	\$75.27	0%
AVERAGE RATE	10.52	0.22068	+ 0.42753	= 0.56718	\$75.34	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2015

	Customer Charge	IRM Surcharge	IRI Surcharge	Energy Efficiency Charge	Distribution Charge	IRM Surcharge	GCR Factor	Total Vol Charge
		see note 4	see note 5	see note 2	see note 3	see note 4		
(volumetric charges in \$/ccf)								
RESIDENTIAL SERVICE (\$/month)								
Sales								
Rate A	11.50		-0.1418	+	0.02108	+	0.27021	From Utility 0.33134 = 0.48083
Rate A-1 Residential Multi-Family	11.50		-0.0326	+	0.02108	+	0.27021	0.33134 = 0.59003
Excess Peak Demand Charge \$0.07/Mcf (Note 1)								
Customer Choice								
alternative suppliers	11.50			0.02108	0.27021			From Others per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)								
Sales								
General Service - Rate GS-1	12.50		-0.1222	+	0.1387	+	2.28900	(0.4003) 3.3134 = 5.2186
General Service - Rate GS-2	19.50	0.00	-0.0124	+	0.1387	+	2.07120	3.3134 = 5.5109
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	-0.0262	+	0.1387	+	1.07300	3.3134 = 4.4989
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	-0.0262	+	0.0049	+	1.01830	3.3134 = 4.3104
Customer Choice								
alternative suppliers	(see above)			(see above)				From Others per contract
Transportation								
(volumetric charges in \$/Mcf)								
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	(0.0085)	0.1387	0.9484			per contract
ST Optional Maximum Rate			(0.0085)	0.1387	1.4226			per contract
ST Optional Minimum Rate			(0.0085)	0.1387	0.4742			per contract
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	(0.0085)	0.0049	0.9484			per contract
ST Optional Maximum Rate			(0.0085)	0.0049	1.4226			per contract
ST Optional Minimum Rate			(0.0085)	0.0049	0.4742			per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		(0.0042)	0.1387	0.6186	-		per contract
LT Optional Maximum Rate			(0.0042)	0.1387	0.9279			per contract
LT Optional Minimum Rate			(0.0042)	0.1387	0.3093			per contract
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		(0.0042)	0.0049	0.6186	-		per contract
LT Optional Maximum Rate			(0.0042)	0.0049	0.9279			per contract
LT Optional Minimum Rate			(0.0042)	0.0049	0.3093			per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	(0.0009)	0.1387	0.4868			per contract
XLT Optional Maximum Rate			(0.0009)	0.1387	0.7302			per contract
XLT Optional Minimum Rate			(0.0009)	0.1387	0.2434			per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	(0.0009)	0.0049	0.4868			per contract
XLT Optional Maximum Rate			(0.0009)	0.0049	0.7302			per contract
XLT Optional Minimum Rate			(0.0009)	0.0049	0.2434			per contract
XLT Remote Meter Charge	70.00		(0.0009)					per contract
OTHER (\$/month)								
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	15.00						includes gas	
2.6 to 4.5 CF/Hr	23.00						includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the October 2015 billing month per U-17505

Note 5: Interim rate Increase Reconciliation Surcharge effective for the October 2015 billing month per U-17868

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.

October 1, 2015

	Customer Charge	EO Charge	UETM	RDM	Distribution Charge				Total Vol Charge
		see note 1	see note 2	see note 3					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01737	0.000000	0.000000	0.15945	+(0.27000	+ 0.05268	= 0.32268	)= 0.49950
Residential Multi-Family									
Meter Class I	12.00	0.01737	0.000000	0.000000	0.12243	+(0.27000	+ 0.05268	= 0.32268	)= 0.46248
Gas Light Rate-Residential					0.15945	+(0.27000	+ 0.05268	= 0.32268	)= 0.48213
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.000000	(see above)		From Others	Reservation Charge		
						+ per contract	+ 0.05268		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales									
Small General Service	33.00	4.25	0.000000	0.000000	1.59450	+(2.7000	+ 0.5268	= 3.2268	)= 4.82130
Large General Service	400.00	103.01	0.000000		1.03220	+(2.7000	+ 0.5268	= 3.2268	)= 4.25900
Gas Light Rate-Commercial		8.91			1.59450	+(2.7000	+ 0.5268	= 3.2268	)= 4.82130
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)				From Others	Reservation Charge		
						+ per contract	+ 0.52680		
	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation		\$/mo							
TR-1	850.00	38.99	0.00000	0.7777	0.6277				
TR-2	2,250.00	113.49	0.00000	0.4796	0.3296				
TR-3	3,050.00	537.48	0.00000	0.4651	0.3151				

Note 1: Effective for service rendered on and after August 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17842

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectable Expense Tracking Mechanism per U-17548

Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

DTE GAS COMPANY										
										October 1, 2015
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3		see note 4		
							(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE										
Sales									From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01777 +	0.24942 +	0.02800 +	0.40700 +	= 0.70219
Residential Multi Family Rate 2A Class 1	10.50		6.42	0.00	0.00 +	0.01427 +	0.24942 +	0.02800 +	0.40700 +	= 0.69869
Residential Multi Family Rate 2A Class 2	26.20		6.42	0.00		0.01427 +	0.24942 +	0.02800 +	0.40700 +	= 0.69869
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01777 +	0.24942 +		0.40700 +	= 0.67419
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)	0.02800 +	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)									
										(volumetric charges in \$/Mcf metered)
Sales									From Utility	
Rate GS-1	26.20	0.00	4.40	0.00		0.1427 +	2.4821 +	0.28000 +	4.0700 +	= 6.9748
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1427 +	1.9995 +	0.28000 +	4.0700 +	= 6.4922
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.0135 +	1.9995 +	0.28000 +	4.0700 +	= 6.3630
Rate S	200.00	0.00	48.38	0.00		0.1427 +	1.5968 +	0.28000 +	4.0700 +	= 6.0895
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)		per contract	
Transportation									From Others	
Rate ST (cost based rate)	2030.00		194.99	0.00		0.0135	0.7959		per contract	
Maximum (optional)	2030.00		194.99	0.00		0.0135	1.3618		per contract	
Minimum (optional)	2030.00		194.99	0.00		0.0135	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.0135	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.0135	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.0135	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.0135	0.0500		per contract	
EUT Exploratory Program						0.0069				
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877 - Removed Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill										
Rates Reference:		see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

October 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.00768	0.17342	+(0.31500	+ 0.06000	= 0.37500	)=	0.55610
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	0.05316	1.8203	+(3.15000	+ 0.6000	+ 3.7500	)=	5.62346
	(>9 Dth)			0.0001	1.8203	3.15000	0.6000	3.7500		5.57040
General Service (GS-2)	(0-9 Dth)	35.00	22.43	0.05316	1.3932	+(3.15000	+ 0.6000	+ 3.7500	)=	5.19636
	(>9 Dth)			0.0001	1.3932	3.15000	0.6000	3.7500		5.14330
General Service (GS-3)	(0-9 Dth)	105.00	106.33	0.05316	1.0985	+(3.15000	+ 0.6000	+ 3.7500	)=	4.90166
	(>9 Dth)			0.0001	1.0985	3.15000	0.6000	3.7500		4.84860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.60000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0000	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0000			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0000	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0000			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0000	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0000			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after October 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17843.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934	+ 0.53071	= 0.63005
Seasonal	10.00	0.09934	+ 0.53071	= 0.63005
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.93	0.8514	+ 5.3071	= 6.1585
Small Seasonal	19.86	0.8514	+ 5.3071	= 6.1585
Large	102.39	0.6214	+ 5.3071	= 5.9285
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	8.00	0.18840	+ 0.48428	= 0.67268
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	21.50	1.3000	+ 4.8428	= 6.1428
Firm (304)	433.00	1.3000	+ 4.8428	= 6.1428
Interruptible (303)	130.00	0.5600	+ 4.8428	= 5.4028
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GCR Summary

GAS COST RECOVERY FACTORS

September 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.3645	4.0552 /Mcf	U-17693
DTE Gas Company	<i>Unchanged</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Decrease</i>	3.2268	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.8290	5.4900 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.8500	4.2088 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.6528	7.2508 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	4.9093	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2015

Calendar Year of GCR Factors

	Jul-15 \$/unit	Aug-15 \$/unit	Sep-15 \$/unit	Oct-15 \$/unit	Nov-15 \$/unit	Dec-15 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	3.2810	3.3375	3.3645			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	4.0552	4.0552	4.0552			/Mcf
DTE Gas Company						
- As Currently Billed	4.0700	4.0700	4.0700			/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	4.0700	4.0700	4.0700			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5273	3.5273	3.2268			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.3288	4.3288	4.3288			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.8290	4.8290	4.8290			/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4900	5.4900	5.4900			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.9700	3.9700	3.8500			/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.5704	4.5704	4.2088			/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6668	5.5564	5.6528			/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508			/Dth
Xcel Energy						
- As Currently Billed	4.9093	4.9093	4.9093			/Dth
<u>-U-17335 - As Filed or as Ordered</u>	5.5410	5.5410	5.5410			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Summary

RESIDENTIAL RATE COMPARISONS

September 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.33645	= 0.62774	\$74.27	-4%
DTE Gas Company	12.04	0.29319	+ 0.40700	= 0.70019	\$82.06	6%
Michigan Gas Utilities Corp	12.00	0.17682	+ 0.32268	= 0.49950	\$61.95	-20%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18973	+ 0.38500	= 0.57473	\$70.58	-9%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.56528	= 0.66462	\$71.46	-8%
Xcel Energy	8.00	0.17750	+ 0.49093	= 0.66843	\$74.84	-3%
AVERAGE RATE	10.52	0.24032	+ 0.42718	= 0.58406	\$77.27	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2015

	Customer Charge	IRM Surcharge see note 4 (\$/month)	Energy Efficiency Charge see note 2	Distribution Charge see note 3	IRM Surcharge see note 4	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)							
Sales							
Rate A	11.50		0.02108	+	0.27021	From Utility 0.33645	= 0.62774
Rate A-1 Residential Multi-Family	11.50		0.02108	+	0.27021	0.33645	= 0.62774
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							
Customer Choice							
alternative suppliers	11.50		0.02108		0.27021	From Others per contract	
* including EO Surcharge (Note 2)							
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)							
Sales							
General Service - Rate GS-1	12.50		0.1387	+	2.28900	0.0000	From Utility 3.3645 = 5.7922
General Service - Rate GS-2	19.50	0.00	0.1387	+	2.07120		3.3645 = 5.5744
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.1387	+	1.07300		3.3645 = 4.5762
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.0049	+	1.01830		3.3645 = 4.3877
Customer Choice							
alternative suppliers	(see above)		(see above)		(see above)	From Others per contract	
Transportation							
(volumetric charges in \$/Mcf)							
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.1387		0.9484		From Others per contract
ST Optional Maximum Rate			0.1387		1.4226		per contract
ST Optional Minimum Rate			0.1387		0.4742		per contract
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0049		0.9484		per contract
ST Optional Maximum Rate			0.0049		1.4226		per contract
ST Optional Minimum Rate			0.0049		0.4742		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.1387		0.6186	-	per contract
LT Optional Maximum Rate			0.1387		0.9279		per contract
LT Optional Minimum Rate			0.1387		0.3093		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0049		0.6186	-	per contract
LT Optional Maximum Rate			0.0049		0.9279		per contract
LT Optional Minimum Rate			0.0049		0.3093		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.1387		0.4868		per contract
XLT Optional Maximum Rate			0.1387		0.7302		per contract
XLT Optional Minimum Rate			0.1387		0.2434		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0049		0.4868		per contract
XLT Optional Maximum Rate			0.0049		0.7302		per contract
XLT Optional Minimum Rate			0.0049		0.2434		per contract
XLT Remote Meter Charge	70.00						per contract
OTHER (\$/month)							
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	15.00					includes gas	
2.6 to 4.5 CF/Hr	23.00					includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the June 2015 billing month per U-17505

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference:

see

[Rate Books](#)

MICHIGAN GAS UTILITIES CORP.									
									September 1, 2015
	Customer Charge	EO Charge	UETM	RDM	Distribution Charge				Total Vol Charge
		see note 1	see note 2	see note 3					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01737	0.000000	0.000000	0.15945	+(0.27000	+ 0.05268	= 0.32268	)= 0.49950
Residential Multi-Family Meter Class I	12.00	0.01737	0.000000	0.000000	0.12243	+(0.27000	+ 0.05268	= 0.32268	)= 0.46248
Gas Light Rate-Residential					0.15945	+(0.27000	+ 0.05268	= 0.32268	)= 0.48213
Customer Choice-Residential alternative suppliers	(see above)	(see above)	0.000000	(see above)		From Others	Reservation Charge		
						+ per contract	+ 0.05268		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor	
Sales									
Small General Service	33.00	4.25	0.000000	0.000000	1.59450	+(2.7000	+ 0.5268	= 3.2268	)= 4.82130
Large General Service	400.00	103.01	0.000000		1.03220	+(2.7000	+ 0.5268	= 3.2268	)= 4.25900
GasLight Rate-Commercial		8.91			1.59450	+(2.7000	+ 0.5268	= 3.2268	)= 4.82130
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge		
						+ per contract	+ 0.52680		
	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
Transportation		\$/mo		see note 2					
TR-1	850.00	38.99	0.00000	0.7777	0.6277				
TR-2	2,250.00	113.49	0.00000	0.4796	0.3296				
TR-3	3,050.00	537.48	0.00000	0.4651	0.3151				
<p>Note 1: Effective for service rendered on and after August 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17842</p> <p>Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548</p> <p>Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectable Expense Tracking Mechanism per U-17548</p> <p>Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547</p> <p>Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books</p>									

DTE GAS COMPANY										September 1, 2015					
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge					
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)	see note 4							
RESIDENTIAL SERVICE															
Sales															
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01777	+	0.24942	+	0.02600	+	0.40700	=	0.70019	
Residential Multi Family Rate 2A Class 1	10.50		6.42	0.00	0.00	+	0.01427	+	0.24942	+	0.02600	+	0.40700	=	0.69669
Residential Multi Family Rate 2A Class 2	26.20		6.42	0.00		0.01427	+	0.24942	+	0.02600	+	0.40700	=	0.69669	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01777	+	0.24942	+		+	0.40700	=	0.67419	
Customer Choice												From Others			
alternative suppliers	(see above)						(see above)	+	0.02600	+		per contract			
COMMERCIAL & INDUSTRIAL SERVICE															
	(\$/month)						(volumetric charges in \$/Mcf metered)								
Sales															
Rate GS-1	26.20	0.00	4.40	0.00		0.1427	+	2.4821	+	0.26000	+	4.0700	=	6.9548	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1427	+	1.9995	+	0.26000	+	4.0700	=	6.4722	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.0135	+	1.9995	+	0.26000	+	4.0700	=	6.3430	
Rate S	200.00	0.00	48.38	0.00		0.1427	+	1.5968	+	0.26000	+	4.0700	=	6.0695	
Customer Choice												From Others			
alternative suppliers	(see above)						(see above)					per contract			
Transportation															
Rate ST (cost based rate)	2030.00		194.99	0.00		0.0135		0.7959				per contract			
Maximum (optional)	2030.00		194.99	0.00		0.0135		1.3618				per contract			
Minimum (optional)	2030.00		194.99	0.00		0.0135		0.2300				per contract			
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135		0.6001				per contract			
Maximum (optional)	3660.00		500.00	0.00		0.0135		0.9702				per contract			
Minimum (optional)	3660.00		500.00	0.00		0.0135		0.2300				per contract			
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135		0.5068				per contract			
Maximum (optional)	9100.00		500.00	0.00		0.0135		0.8336				per contract			
Minimum (optional)	9100.00		500.00	0.00		0.0135		0.1800				per contract			
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135		0.1652				per contract			
Maximum (optional)	120000.00		500.00	0.00		0.0135		0.8336				per contract			
Minimum (optional)	120000.00		500.00	0.00		0.0135		0.0500				per contract			
EUT Exploratory Program						0.0069									
Rate XLT/XXLT-Remote Meter Charge	100.00														
Unauthorized Gas Usage Charge								10.0000							
Load Balancing Storage Charge								0.25/MMBtu							
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st															
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round															
Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608.															
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131															
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214															
Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877 - Removed															
Rates at utilities.dteenergy.com (PDF version)															
My.dteenergy.com for understanding your bill															
Rates Reference: see Rate Books for more details															

SEMCO ENERGY GAS COMPANY

September 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01631	0.17342	+(0.32500	+ 0.06000	= 0.38500	)= 0.57473	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06000			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0649	1.8203	+(3.25000	+ 0.6000	+ 3.8500	)= 6.73520	
	(>9 Dth)			0.0001	1.8203	3.25000	0.6000	3.8500	5.67040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0649	1.3932	+(3.25000	+ 0.6000	+ 3.8500	)= 6.30810	
	(>9 Dth)			0.0001	1.3932	3.25000	0.6000	3.8500	5.24330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0649	1.0985	+(3.25000	+ 0.6000	+ 3.8500	)= 6.01340	
	(>9 Dth)			0.0001	1.0985	3.25000	0.6000	3.8500	4.94860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.60000			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0656	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09934	+	0.56528 = 0.66462
Seasonal	10.00	0.09934	+	0.56528 = 0.66462
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.93	0.8514	+	5.6528 = 6.5042
Small Seasonal	19.86	0.8514	+	5.6528 = 6.5042
Large	102.39	0.6214	+	5.6528 = 6.2742
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.4829 = 0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		4.8290 = 8.0320
Large	188.00	2.3360		4.8290 = 7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.17750	+	0.49093 = 0.66843
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	22.00	1.3000	+	4.9093 = 6.2093
Firm (304)	433.00	1.3000	+	4.9093 = 6.2093
Interruptible (303)	130.00	0.5600	+	4.9093 = 5.4693
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.3375	4.0552	/Mcf U-17693
DTE Gas Company	<i>Unchanged</i>	4.0700	4.0700	/Mcf U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.5273	4.3288	/Mcf U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.8290	5.4900	/Mcf U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.9700	4.5704	/Dth U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.5564	7.2508	/Dth U-17650
Xcel Energy	<i>Unchanged</i>	4.9093	5.5410	/Dth U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	3.2810	3.3375				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	4.0552	4.0552				/Mcf
DTE Gas Company						
- As Currently Billed	4.0700	4.0700				/Mcf
<u>-U-17332 - As Filed or as Ordered</u>	4.0700	4.0700				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5273	3.5273				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.3288	4.3288				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.8290	4.8290				/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4900	5.4900				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.9700	3.9700				/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.5704	4.5704				/Dth
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.6668	5.5564				/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508				/Dth
Xcel Energy						
- As Currently Billed	4.9093	4.9093				/Dth
<u>-U-17335 - As Filed or as Ordered</u>	5.5410	5.5410				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.50	0.29129	+ 0.33375	= 0.62504	\$74.00	-5%
DTE Gas Company	12.04	0.29319	+ 0.40700	= 0.70019	\$82.06	6%
Michigan Gas Utilities Corp	12.00	0.16273	+ 0.35273	= 0.51546	\$63.55	-18%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	36%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18973	+ 0.39700	= 0.58673	\$71.78	-7%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.55564	= 0.65498	\$70.50	-9%
Xcel Energy	8.00	0.17750	+ 0.49093	= 0.66843	\$74.84	-3%
AVERAGE RATE	10.52	0.23831	+ 0.43142	= 0.58602	\$77.49	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2015

	Customer Charge	IRM Surcharge see note 4 (\$/month)	Energy Efficiency Charge see note 2	Distribution Charge see note 3	IRM Surcharge see note 4	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/ccf)				
Sales						From Utility	
Rate A	11.50		0.02108	+	0.27021	0.33375	= 0.62504
Rate A-1 Residential Multi-Family	11.50		0.02108	+	0.27021	0.33375	= 0.62504
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							
Customer Choice						From Others	
alternative suppliers	11.50		0.02108		0.27021	per contract	
						* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf)				
Sales						From Utility	
General Service - Rate GS-1	12.50		0.1387	+	2.28900	0.0000	3.3375 = 5.7652
General Service - Rate GS-2	19.50	0.00	0.1387	+	2.07120	3.3375	= 5.5474
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.1387	+	1.07300	3.3375	= 4.5492
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.0049	+	1.01830	3.3375	= 4.3607
Customer Choice						From Others	
alternative suppliers	(see above)			(see above)		per contract	
Transportation			(volumetric charges in \$/Mcf)				
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.1387		0.9484	per contract	
ST Optional Maximum Rate			0.1387		1.4226	per contract	
ST Optional Minimum Rate			0.1387		0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0049		0.9484	per contract	
ST Optional Maximum Rate			0.0049		1.4226	per contract	
ST Optional Minimum Rate			0.0049		0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.1387		0.6186	0.0000	per contract
LT Optional Maximum Rate			0.1387		0.9279	per contract	
LT Optional Minimum Rate			0.1387		0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0049		0.6186	0.0000	per contract
LT Optional Maximum Rate			0.0049		0.9279	per contract	
LT Optional Minimum Rate			0.0049		0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.1387		0.4868	per contract	
XLT Optional Maximum Rate			0.1387		0.7302	per contract	
XLT Optional Minimum Rate			0.1387		0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0049		0.4868	per contract	
XLT Optional Maximum Rate			0.0049		0.7302	per contract	
XLT Optional Minimum Rate			0.0049		0.2434	per contract	
XLT Remote Meter Charge	70.00					per contract	
OTHER		(\$/month)					
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	15.00					includes gas	
2.6 to 4.5 CF/Hr	23.00					includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the June 2015 billing month per U-17505 - Removed

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										August 1, 2015	
	Customer Charge	EO Charge	UETM	RDM	Distribution Charge					Total Vol Charge	
		see note 1	see note 2	see note 3							
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	12.00	0.01737	-0.005223	-0.008868	0.15945	+(0.29621	+ 0.05652	= 0.35273	)=	0.51546
Residential Multi-Family											
Meter Class I	12.00	0.01737	-0.003406	0.010161	0.12243	+(0.29621	+ 0.05652	= 0.35273	)=	0.49929
Gas Light Rate-Residential					0.15945	+(0.29621	+ 0.05652	= 0.35273	)=	0.51218
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.000514	(see above)		From Others	Reservation Charge				
						+ per contract	+ 0.05652				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales											
Small General Service	33.00	4.25	-0.05023	0.10161	1.59450	+(2.9621	+ 0.5652	= 3.5273	)=	5.12180
Large General Service	400.00	103.01	-0.03612		1.03220	+(2.9621	+ 0.5652	= 3.5273	)=	4.55950
GasLight Rate-Commercial		8.91			1.59450	+(2.9621	+ 0.5652	= 3.5273	)=	5.12180
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge				
						+ per contract	+ 0.56520				
	Customer Charge	EO Charge		UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation	\$/mo			see note 2							
TR-1	850.00	38.99		-0.02249	0.7777	0.6277					
TR-2	2,250.00	113.49		-0.01013	0.4796	0.3296					
TR-3	3,050.00	537.48		-0.00534	0.4651	0.3151					
Note 1: Effective for service rendered on and after August 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17842											
Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548											
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547											
Customer Attachment Program											
Rates at michigan gas utilities.com											
Understanding your bill at michigan gas utilities.com											
Rate Books											

DTE GAS COMPANY										
										August 1, 2015
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	(volumetric charges in \$/Ccf metered)	see note 4		
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01777 +	0.24942 +	0.02600 +	From Utility 0.40700	= 0.70019
Residential Multi Family Rate 2A Class 1	10.50		6.42	0.00	0.00 +	0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential Multi Family Rate 2A Class 2	26.20		6.42	0.00		0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01777 +	0.24942 +		0.40700 +	= 0.67419
<u>Customer Choice</u>									From Others	
<u>alternative suppliers</u>	(see above)						(see above)	0.02600 +	per contract	
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)						(volumetric charges in \$/Mcf metered)			
Sales										
Rate GS-1	26.20	0.00	4.40	0.00		0.1427 +	2.4821 +	0.26000 +	From Utility 4.0700	= 6.9548
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1427 +	1.9995 +	0.26000 +	4.0700 +	= 6.4722
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.0135 +	1.9995 +	0.26000 +	4.0700 +	= 6.3430
Rate S	200.00	0.00	48.38	0.00		0.1427 +	1.5968 +	0.26000 +	4.0700 +	= 6.0695
<u>Customer Choice</u>									From Others	
<u>alternative suppliers</u>	(see above)						(see above)		per contract	
Transportation										
Rate ST (cost based rate)	2030.00		194.99	0.00		0.0135	0.7959		per contract	
Maximum (optional)	2030.00		194.99	0.00		0.0135	1.3618		per contract	
Minimum (optional)	2030.00		194.99	0.00		0.0135	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.0135	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.0135	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.0135	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.0135	0.0500		per contract	
EUT Exploratory Program						0.0069				
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877 - Removed Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill										
Rates Reference:		see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

August 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	1.61	0.01631	0.17342	+(0.32917	+ 0.06783	= 0.39700	)= 0.58673	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06783			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0649	1.8203	+(3.29170	+ 0.6783	+ 3.9700	)= 6.85520	
	(>9 Dth)			0.0001	1.8203	3.29170	0.6783	3.9700	5.79040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0649	1.3932	+(3.29170	+ 0.6783	+ 3.9700	)= 6.42810	
	(>9 Dth)			0.0001	1.3932	3.29170	0.6783	3.9700	5.36330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0649	1.0985	+(3.29170	+ 0.6783	+ 3.9700	)= 6.13340	
	(>9 Dth)			0.0001	1.0985	3.29170	0.6783	3.9700	5.06860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>			(see above)		(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.67830			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	294.44	0.0656	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09934	+	0.55564 = 0.65498
Seasonal	10.00	0.09934	+	0.55564 = 0.65498
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.93	0.8514	+	5.5564 = 6.4078
Small Seasonal	19.86	0.8514	+	5.5564 = 6.4078
Large	102.39	0.6214	+	5.5564 = 6.1778
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4829	0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.8290	8.0320
Large	188.00	2.3360	4.8290	7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	8.00	0.17750	+	0.49093 = 0.66843
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	22.00	1.3000	+	4.9093 = 6.2093
Firm (304)	433.00	1.3000	+	4.9093 = 6.2093
Interruptible (303)	130.00	0.5600	+	4.9093 = 5.4693
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](http://Rate%20Information%20at%20xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.2810	4.0552 /Mcf	U-17693
DTE Gas Company	<i>No Change</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.5273	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.8290	5.4900 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.9700	4.5704 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.6668	7.2508 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	4.9093	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	3.2810					/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	4.0552					/Mcf
DTE Gas Company						
- As Currently Billed	4.0700					/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	4.0700					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	3.5273					/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	4.3288					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.8290					/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4900					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	3.9700					/Dth
<u>-U-17333 - As Filed or as Ordered</u>	4.5704					/Dth
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.6668					/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508					/Dth
Xcel Energy						
- As Currently Billed	4.9093					/Dth
<u>-U-17335 - As Filed or as Ordered</u>	5.5410					/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.32810	= 0.61939	\$73.44	-5%
DTE Gas Company	12.04	0.29319	+ 0.40700	= 0.70019	\$82.06	6%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.35273	= 0.51433	\$63.43	-18%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	13.11	0.18973	+ 0.39700	= 0.58673	\$71.78	-7%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.56668	= 0.66562	\$71.56	-8%
Xcel Energy	7.25	0.17350	+ 0.49093	= 0.66443	\$73.69	-5%
AVERAGE RATE	10.41	0.23752	+ 0.43219	= 0.58600	\$77.39	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2015

	Customer Charge	IRM Surcharge see note 4 (\$/month)	Energy Efficiency Charge see note 2	Distribution Charge see note 3	IRM Surcharge see note 4	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)							
Sales							
Rate A	11.50		0.02108	+	0.27021	From Utility 0.32810	= 0.61939
Rate A-1 Residential Multi-Family	11.50		0.02108	+	0.27021	0.32810	= 0.61939
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							
Customer Choice							
alternative suppliers	11.50		0.02108		0.27021	From Others per contract	
* including EO Surcharge (Note 2)							
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)							
Sales							
General Service - Rate GS-1	12.50		0.1387	+	2.28900	0.0000	From Utility 3.2810 = 5.7087
General Service - Rate GS-2	19.50	0.00	0.1387	+	2.07120		3.2810 = 5.4909
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.00	0.1387	+	1.07300		3.2810 = 4.4927
General Service - Rate GS-3 (>100,000 Year)	576.80	0.00	0.0049	+	1.01830		3.2810 = 4.3042
Customer Choice							
alternative suppliers	(see above)		(see above)		(see above)	From Others per contract	
Transportation							
(volumetric charges in \$/Mcf)							
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.00	0.1387		0.9484		From Others per contract
ST Optional Maximum Rate			0.1387		1.4226		per contract
ST Optional Minimum Rate			0.1387		0.4742		per contract
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.00	0.0049		0.9484		per contract
ST Optional Maximum Rate			0.0049		1.4226		per contract
ST Optional Minimum Rate			0.0049		0.4742		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.1387		0.6186	-	per contract
LT Optional Maximum Rate			0.1387		0.9279		per contract
LT Optional Minimum Rate			0.1387		0.3093		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0049		0.6186	-	per contract
LT Optional Maximum Rate			0.0049		0.9279		per contract
LT Optional Minimum Rate			0.0049		0.3093		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.00	0.1387		0.4868		per contract
XLT Optional Maximum Rate			0.1387		0.7302		per contract
XLT Optional Minimum Rate			0.1387		0.2434		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.00	0.0049		0.4868		per contract
XLT Optional Maximum Rate			0.0049		0.7302		per contract
XLT Optional Minimum Rate			0.0049		0.2434		per contract
XLT Remote Meter Charge	70.00						per contract
OTHER (\$/month)							
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	15.00					includes gas	
2.6 to 4.5 CF/Hr	23.00					includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the June 2015 billing month per U-17505 - Removed

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference:

see

[Rate Books](#)

MICHIGAN GAS UTILITIES CORP.

July 1, 2015

	Customer Charge	EO Charge	UETM	RDM	Distribution Charge					Total Vol Charge
		see note 1	see note 2	see note 3						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)					
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	12.00	0.01624	-0.005223	-0.008868	0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51433
Residential Multi-Family										
Meter Class I	12.00	0.01624	-0.003406	0.010161	0.12243	+(0.30005	+ 0.05268	= 0.35273	)=	0.49816
Gas Light Rate-Residential					0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51218
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.000514	(see above)		From Others	Reservation Charge			
						+ per contract	+ 0.05268			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor		
Sales										
Small General Service	33.00	3.74	-0.05023	0.10161	1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180
Large General Service	400.00	146.57	-0.03612		1.03220	+(3.0005	+ 0.5268	= 3.5273	)=	4.55950
Gas Light Rate-Commercial		9.86			1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge			
						+ per contract	+ 0.52680			
	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
Transportation		\$/mo		see note 2						
TR-1	850.00	40.03	-0.02249	0.7777	0.6277					
TR-2	2,250.00	125.23	-0.01013	0.4796	0.3296					
TR-3	3,050.00	414.47	-0.00534	0.4651	0.3151					

Note 1: Effective for bills rendered for the April 2015 through March 2016 billing months, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17690

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

Note 4: Reservation Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17690 - Revised 7/13/15

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

DTE GAS COMPANY										July 1, 2015	
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	see note 4 (volumetric charges in \$/Ccf metered)				
RESIDENTIAL SERVICE											
Sales											
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	1.54	0.00		0.01777	+	0.24942	+	From Utility = 0.70019	
Residential Multi Family Rate 2A Class 1	10.50		6.42	0.00	0.00	+	0.01427	+	0.24942	0.02600 + 0.40700 = 0.69669	
Residential Multi Family Rate 2A Class 2	26.20		6.42	0.00			0.01427	+	0.24942	0.02600 + 0.40700 = 0.69669	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	1.54	0.00		0.01777	+	0.24942	+	0.40700 = 0.67419	
Customer Choice										From Others	
alternative suppliers	(see above)						(see above)	+	0.02600	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales											
Rate GS-1	26.20	0.00	4.40	0.00		0.1427	+	2.4821	+	From Utility = 6.9548	
Rate GS-2 (<100,000 Mcf)	590.00		4.40	0.00		0.1427	+	1.9995	+	0.26000 + 4.0700 = 6.4722	
Rate GS-2 (>100,000 Mcf)	590.00		4.40	0.00		0.0135	+	1.9995	+	0.26000 + 4.0700 = 6.3430	
Rate S	200.00	0.00	48.38	0.00		0.1427	+	1.5968	+	0.26000 + 4.0700 = 6.0695	
Customer Choice										From Others	
alternative suppliers	(see above)						(see above)			per contract	
Transportation											
Rate ST (cost based rate)	2030.00		194.99	0.00		0.0135		0.7959		per contract	
Maximum (optional)	2030.00		194.99	0.00		0.0135		1.3618		per contract	
Minimum (optional)	2030.00		194.99	0.00		0.0135		0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135		0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.0135		0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.0135		0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135		0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.0135		0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.0135		0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135		0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.0135		0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.0135		0.0500		per contract	
EUT Exploratory Program						0.0069					
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge								10.0000			
Load Balancing Storage Charge								0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131											
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214											
Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877 - Removed											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:		see	Rate Books	for more details							

SEMCO ENERGY GAS COMPANY

July 1, 2015

		Customer Charge	Rider MRP Charge see note 2	EO Charge see note 1	Distribution Charge						Total Charge
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)					
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		11.50	1.61	0.01631	0.17342	+(0.32917	+ 0.06783	= 0.39700	)=	0.58673	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge				
						+ per contract	+ 0.06783				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)					
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
General Service (GS-1)	(0-9 Dth)	11.50	3.56	1.0649	1.8203	+(3.29170	+ 0.6783	+ 3.9700	)=	6.85520	
	(>9 Dth)			0.0001	1.8203	3.29170	0.6783	3.9700		5.79040	
General Service (GS-2)	(0-9 Dth)	35.00	22.43	1.0649	1.3932	+(3.29170	+ 0.6783	+ 3.9700	)=	6.42810	
	(>9 Dth)			0.0001	1.3932	3.29170	0.6783	3.9700		5.36330	
General Service (GS-3)	(0-9 Dth)	105.00	106.33	1.0649	1.0985	+(3.29170	+ 0.6783	+ 3.9700	)=	6.13340	
	(>9 Dth)			0.0001	1.0985	3.29170	0.6783	3.9700		5.06860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	From Others	Balancing and Demand Charge				
						+ per contract	+ 0.67830				
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	294.44	0.0656	75.00	per contract	0.9068	0.7568		0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344	
TR-2	(0-2500 Dth)	1590.00	500.00	0.0656	75.00	per contract	0.6279	0.4779		0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531		0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344	
OTHER		(\$/month)									
Gas Light Service		7.00									

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective on and after June 4, 2015; customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17824.

Note 3: Balancing and Demand Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17692 - Revised 7/13/15

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+	0.56668 = 0.66562
Seasonal	10.00	0.09894	+	0.56668 = 0.66562
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+	5.6668 = 6.5182
Small Seasonal	18.38	0.8514	+	5.6668 = 6.5182
Large	102.21	0.6214	+	5.6668 = 6.2882
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		8.0320
Large	188.00	2.3360		7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+	0.49093 = 0.66443
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+	4.9093 = 6.0893
Firm (304)	431.00	1.1800	+	4.9093 = 6.0893
Interruptible (303)	130.00	0.5600	+	4.9093 = 5.4693
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.3863	4.0552 /Mcf	U-17693
DTE Gas Company	<i>No Change</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.5273	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.8290	4.8290 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.9700	4.5704 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.6213	7.2508 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	5.0423	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.33863	= 0.62992	\$74.49	-4%
DTE Gas Company	11.38	0.29319	+ 0.40700	= 0.70019	\$81.40	5%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.35273	= 0.51433	\$63.43	-18%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18973	+ 0.39700	= 0.58673	\$70.59	-9%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.56213	= 0.66107	\$71.11	-8%
Xcel Energy	7.25	0.17350	+ 0.50423	= 0.67773	\$75.02	-3%
AVERAGE RATE	10.15	0.23752	+ 0.43495	= 0.58841	\$77.40	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

June 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	3.3863	4.0552 /Mcf	U-17693
DTE Gas Company	<i>No Change</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.5273	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.8290	4.8290 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Unchanged</i>	3.9700	4.5704 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.6213	7.2508 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	5.0423	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	3.3863	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	4.0552	/Mcf
DTE Gas Company							
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704	4.5704	4.5704	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	5.6213	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.33863	= 0.62992	\$74.49	-4%
DTE Gas Company	11.38	0.29319	+ 0.40700	= 0.70019	\$81.40	5%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.35273	= 0.51433	\$63.43	-18%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18973	+ 0.39700	= 0.58673	\$70.59	-9%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.56213	= 0.66107	\$71.11	-8%
Xcel Energy	7.25	0.17350	+ 0.50423	= 0.67773	\$75.02	-3%
AVERAGE RATE	10.15	0.23752	+ 0.43495	= 0.58841	\$77.40	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2015

	Customer Charge	IRM Surcharge <i>see note 4</i>	Energy Efficiency Charge see note 2	Distribution Charge see note 3	IRM Surcharge <i>see note 4</i>	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)	(volumetric charges in \$/ccf)				
Sales						From Utility	
Rate A	11.50		0.02108	+	0.27021	0.33863	= 0.62992
Rate A-1 Residential Multi-Family	11.50		0.02108	+	0.27021	0.33863	= 0.62992
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							
Customer Choice						From Others	
<u>alternative suppliers</u>	11.50		0.02108		0.27021	per contract	
						* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf)				
Sales						From Utility	
General Service - Rate GS-1	12.50		0.1387	+	2.28900	(0.3400)	= 5.4740
General Service - Rate GS-2	19.50	(0.16)	0.1387	+	2.07120	3.3863	= 5.5962
General Service - Rate GS-3 (0-100,000 Year)	576.80	(3.94)	0.1387	+	1.07300	3.3863	= 4.5980
General Service - Rate GS-3 (>100,000 Year)	576.80	(3.94)	0.0049	+	1.01830	3.3863	= 4.4095
Customer Choice						From Others	
<u>alternative suppliers</u>	(see above)		(see above)			per contract	
Transportation			(volumetric charges in \$/Mcf)				
Rate ST Cost Based Rate (0-100,000 Year)	621.50	(0.92)	0.1387		0.9484	per contract	
ST Optional Maximum Rate			0.1387		1.4226	per contract	
ST Optional Minimum Rate			0.1387		0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	(0.92)	0.0049		0.9484	per contract	
ST Optional Maximum Rate			0.0049		1.4226	per contract	
ST Optional Minimum Rate			0.0049		0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00		0.1387		0.6186	(0.0218)	per contract
LT Optional Maximum Rate			0.1387		0.9279	per contract	
LT Optional Minimum Rate			0.1387		0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00		0.0049		0.6186	(0.0218)	per contract
LT Optional Maximum Rate			0.0049		0.9279	per contract	
LT Optional Minimum Rate			0.0049		0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	(24.43)	0.1387		0.4868	per contract	
XLT Optional Maximum Rate			0.1387		0.7302	per contract	
XLT Optional Minimum Rate			0.1387		0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	(24.43)	0.0049		0.4868	per contract	
XLT Optional Maximum Rate			0.0049		0.7302	per contract	
XLT Optional Minimum Rate			0.0049		0.2434	per contract	
XLT Remote Meter Charge	70.00					per contract	
OTHER	(\$/month)						
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	15.00					includes gas	
2.6 to 4.5 CF/Hr	23.00					includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Interim Residual Balances Reconciliation Surcharge effective for the June 2015 billing month per U-17505

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										June 1, 2015	
	Customer Charge	EO Charge	UETM	RDM	Distribution Charge					Total Vol Charge	
		see note 1	see note 2	see note 3		see note 4					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	12.00	0.01624	-0.005223	-0.008868	0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51433
Residential Multi-Family Meter Class I	12.00	0.01624	-0.003406	0.010161	0.12243	+(0.30005	+ 0.05268	= 0.35273	)=	0.49816
Gas Light Rate-Residential					0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51218
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.000514	(see above)		From Others	Reservation Charge				
						+ per contract	+ 0.05268				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)										
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	33.00	3.74	-0.05023	0.10161	1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180
Large General Service	400.00	146.57	-0.03612		1.03220	+(3.0005	+ 0.5268	= 3.5273	)=	4.55950
GasLight Rate-Commercial		9.86			1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge				
						+ per contract	+ 0.52680				
Transportation	\$/mo	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
				see note 2							
TR-1	850.00	40.03		-0.02249	0.7777	0.6277					
TR-2	2,250.00	125.23		-0.01013	0.4796	0.3296					
TR-3	3,050.00	414.47		-0.00534	0.4651	0.3151					
Note 1: Effective for bills rendered for the April 2015 through March 2016 billing months, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17690											
Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548											
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547											
Note 4: Reservation Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17690 - Revised 7/13/15											
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books											

DTE GAS COMPANY										
										June 1, 2015
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE		See note 6 (\$/month)	See note 1	see note 5	See note 5	see note 3	(volumetric charges in \$/Ccf metered)			
Sales									From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	0.88	0.00		0.01777 +	0.24942 +	0.02600 +	0.40700 +	= 0.70019
Residential Multi Family Rate 2A Class 1	10.50		3.79	0.00	0.00 +	0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential Multi Family Rate 2A Class 2	26.20		3.79	0.00		0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	0.88	0.00		0.01777 +	0.24942 +		0.40700 +	= 0.67419
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)	0.02600 +	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)			
Sales									From Utility	
Rate GS-1	26.20	0.00	2.59	0.00		0.1427 +	2.4821 +	0.26000 +	4.0700 +	= 6.9548
Rate GS-2 (<100,000 Mcf)	590.00		2.59	0.00		0.1427 +	1.9995 +	0.26000 +	4.0700 +	= 6.4722
Rate GS-2 (>100,000 Mcf)	590.00		2.59	0.00		0.0135 +	1.9995 +	0.26000 +	4.0700 +	= 6.3430
Rate S	200.00	0.00	28.88	0.00		0.1427 +	1.5968 +	0.26000 +	4.0700 +	= 6.0695
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)		per contract	
Transportation									From Others	
Rate ST (cost based rate)	2030.00		116.52	0.00		0.0135	0.7959		per contract	
Maximum (optional)	2030.00		116.52	0.00		0.0135	1.3618		per contract	
Minimum (optional)	2030.00		116.52	0.00		0.0135	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.0135	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.0135	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.0135	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.0135	0.0500		per contract	
EUT Exploratory Program						0.0069				
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877 - Removed										
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill										
Rates Reference: see Rate Books for more details										

SEMCO ENERGY GAS COMPANY

June 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1			see note 3			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01631	0.17342	+(0.32917	+ 0.06783	= 0.39700	)= 0.58673	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06783			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0649	1.8203	+(3.29170	+ 0.6783	+ 3.9700	)= 6.85520	
	(>9 Dth)			0.0001	1.8203	3.29170	0.6783	3.9700	5.79040	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0649	1.3932	+(3.29170	+ 0.6783	+ 3.9700	)= 6.42810	
	(>9 Dth)			0.0001	1.3932	3.29170	0.6783	3.9700	5.36330	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0649	1.0985	+(3.29170	+ 0.6783	+ 3.9700	)= 6.13340	
	(>9 Dth)			0.0001	1.0985	3.29170	0.6783	3.9700	5.06860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.67830			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0656	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17692 - Revised 7/13/15

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.56213	= 0.66107
Seasonal	10.00	0.09894	+ 0.56213	= 0.66107
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 5.6213	= 6.4727
Small Seasonal	18.38	0.8514	+ 5.6213	= 6.4727
Large	102.21	0.6214	+ 5.6213	= 6.2427
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4829	0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.8290	8.0320
Large	188.00	2.3360	4.8290	7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.50423	= 0.67773
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 5.0423	= 6.2223
Firm (304)	431.00	1.1800	+ 5.0423	= 6.2223
Interruptible (303)	130.00	0.5600	+ 5.0423	= 5.6023
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

MICHIGAN GAS UTILITIES CORP.

June 1, 2015

	Customer Charge	EO Charge	UETM	RDM	Distribution Charge						Total Vol Charge
		see note 1	see note 2	see note 3				see note 4			
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	12.00	0.01624	-0.005223	-0.008868	0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51433	
Residential Multi-Family											
Meter Class I	12.00	0.01624	-0.003406	0.010161	0.12243	+(0.30005	+ 0.05268	= 0.35273	)=	0.49816	
Gas Light Rate-Residential					0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51218	
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	-0.000514	(see above)		From Others	Reservation Charge				
						+ per contract	+ 0.05268				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales											
Small General Service	33.00	3.74	-0.05023	0.10161	1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180	
Large General Service	400.00	146.57	-0.03612		1.03220	+(3.0005	+ 0.5268	= 3.5273	)=	4.55950	
Gas Light Rate-Commercial		9.86			1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180	
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)				From Others	Reservation Charge				
						+ per contract	+ 0.52680				
	Customer Charge	EO Charge	UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)						
Transportation	\$/mo		see note 2								
TR-1	850.00	40.03	-0.02249	0.7777	0.6277						
TR-2	2,250.00	125.23	-0.01013	0.4796	0.3296						
TR-3	3,050.00	414.47	-0.00534	0.4651	0.3151						

Note 1: Effective for bills rendered for the April 2015 through March 2016 billing months, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17690

Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

Note 4: Reservation Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17690 - Revised 7/13/15

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

DTE GAS COMPANY										
										June 1, 2015
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE		See note 6 (\$/month)	See note 1	see note 5	See note 5	see note 3	(volumetric charges in \$/Ccf metered)			
Sales									From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.00	0.88	0.00		0.01777 +	0.24942 +	0.02600 +	0.40700 +	= 0.70019
Residential Multi Family Rate 2A Class 1	10.50		3.79	0.00	0.00 +	0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential Multi Family Rate 2A Class 2	26.20		3.79	0.00		0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.00	0.88	0.00		0.01777 +	0.24942 +		0.40700 +	= 0.67419
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)	0.02600 +	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)			
Sales									From Utility	
Rate GS-1	26.20	0.00	2.59	0.00		0.1427 +	2.4821 +	0.26000 +	4.0700 +	= 6.9548
Rate GS-2 (<100,000 Mcf)	590.00		2.59	0.00		0.1427 +	1.9995 +	0.26000 +	4.0700 +	= 6.4722
Rate GS-2 (>100,000 Mcf)	590.00		2.59	0.00		0.0135 +	1.9995 +	0.26000 +	4.0700 +	= 6.3430
Rate S	200.00	0.00	28.88	0.00		0.1427 +	1.5968 +	0.26000 +	4.0700 +	= 6.0695
Customer Choice									From Others	
alternative suppliers	(see above)						(see above)		per contract	
Transportation									From Others	
Rate ST (cost based rate)	2030.00		116.52	0.00		0.0135	0.7959		per contract	
Maximum (optional)	2030.00		116.52	0.00		0.0135	1.3618		per contract	
Minimum (optional)	2030.00		116.52	0.00		0.0135	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.0135	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.0135	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.0135	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.0135	0.0500		per contract	
EUT Exploratory Program						0.0069				
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877 - Removed										
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill										
Rates Reference: see Rate Books for more details										

SEMCO

SEMCO ENERGY GAS COMPANY

June 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1			see note 3			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01631	0.17342	+(0.32917	+ 0.06783	= 0.39700	)= 0.58673	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06783			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0649	1.8203	+(3.29170	+ 0.6783	+ 3.9700	)= 6.85520	
	(>9 Dth)			0.0001	1.8203	3.29170	0.6783	3.9700	5.79040	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0649	1.3932	+(3.29170	+ 0.6783	+ 3.9700	)= 6.42810	
	(>9 Dth)			0.0001	1.3932	3.29170	0.6783	3.9700	5.36330	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0649	1.0985	+(3.29170	+ 0.6783	+ 3.9700	)= 6.13340	
	(>9 Dth)			0.0001	1.0985	3.29170	0.6783	3.9700	5.06860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.67830			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0656	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	

OTHER	(\$/month)
Gas Light Service	7.00

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17692 - Revised 7/13/15

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.56213	= 0.66107
Seasonal	10.00	0.09894	+ 0.56213	= 0.66107
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 5.6213	= 6.4727
Small Seasonal	18.38	0.8514	+ 5.6213	= 6.4727
Large	102.21	0.6214	+ 5.6213	= 6.2427
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4829	0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.8290	8.0320
Large	188.00	2.3360	4.8290	7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.50423	= 0.67773
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 5.0423	= 6.2223
Firm (304)	431.00	1.1800	+ 5.0423	= 6.2223
Interruptible (303)	130.00	0.5600	+ 5.0423	= 5.6023
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.2972	4.0552 /Mcf	U-17693
DTE Gas Company	<i>No Change</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Unchanged</i>	3.5273	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Unchanged</i>	4.8290	4.8290 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	3.9700	4.5704 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.5090	7.2508 /Dth	U-17650
Xcel Energy	<i>Unchanged</i>	5.0423	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *						
	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company						
- As Currently Billed	5.0723	5.0044	4.8867	3.4661	3.2972	/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552	4.0552	/Mcf
DTE Gas Company						
- As Currently Billed	4.9700	4.4000	4.0700	4.0700	4.0700	/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700	4.0700	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.9691	4.9691	4.4691	3.5273	3.5273	/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288	4.3288	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	4.8290	4.8290	/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290	4.8290	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.9900	5.4900	4.8900	4.2000	3.9700	/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704		/Dth
Superior Energy Company *						
	(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp						
- As Currently Billed	6.2242	6.5187	5.9856	6.2007	5.5090	/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508	7.2508	/Dth
Xcel Energy						
- As Currently Billed	6.3793	6.3793	6.3793	5.0423	5.0423	/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410	5.5410	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.32972	= 0.62101	\$73.60	-5%
DTE Gas Company	11.38	0.29319	+ 0.40700	= 0.70019	\$81.40	6%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.35273	= 0.51433	\$63.43	-18%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18973	+ 0.39700	= 0.58673	\$70.59	-8%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.55090	= 0.64984	\$69.98	-9%
Xcel Energy	7.25	0.17350	+ 0.50423	= 0.67773	\$75.02	-3%
AVERAGE RATE	10.15	0.23752	+ 0.43207	= 0.58589	\$77.11	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2015

	Customer Charge	Energy Efficiency Charge see note 2	Distribution Charge see note 3	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)					
Sales					
Rate A	11.50	0.02108	+ 0.27021	From Utility 0.32972	= 0.62101
Rate A-1 Residential Multi-Family	11.50	0.02108	+ 0.27021	0.32972	= 0.62101
Excess Peak Demand Charge \$0.07/Mcf (Note 1)					
Customer Choice					
alternative suppliers	11.50	0.02108	0.27021	From Others per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)					
Sales					
General Service - Rate GS-1	12.50	0.1387	+ 2.28900	From Utility 3.2972	= 5.7249
General Service - Rate GS-2	19.50	0.1387	+ 2.07120	3.2972	= 5.5071
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.1387	+ 1.07300	3.2972	= 4.5089
General Service - Rate GS-3 (>100,000 Year)	576.80	0.0049	+ 1.01830	3.2972	= 4.3204
Customer Choice					
alternative suppliers	(see above)	(see above)	(see above)	From Others per contract	
Transportation					
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.1387	0.9484	From Others per contract	
ST Optional Maximum Rate		0.1387	1.4226	per contract	
ST Optional Minimum Rate		0.1387	0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.0049	0.9484	per contract	
ST Optional Maximum Rate		0.0049	1.4226	per contract	
ST Optional Minimum Rate		0.0049	0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00	0.1387	0.6186	per contract	
LT Optional Maximum Rate		0.1387	0.9279	per contract	
LT Optional Minimum Rate		0.1387	0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00	0.0049	0.6186	per contract	
LT Optional Maximum Rate		0.0049	0.9279	per contract	
LT Optional Minimum Rate		0.0049	0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.1387	0.4868	per contract	
XLT Optional Maximum Rate		0.1387	0.7302	per contract	
XLT Optional Minimum Rate		0.1387	0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.0049	0.4868	per contract	
XLT Optional Maximum Rate		0.0049	0.7302	per contract	
XLT Optional Minimum Rate		0.0049	0.2434	per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER (\$/month)					
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00		includes gas		
2.6 to 4.5 CF/Hr	23.00		includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.										May 1, 2015	
	Customer Charge	EO Charge	UETM	RDM	Distribution Charge					Total Vol Charge	
		see note 1	see note 2	see note 3		see note 4					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	12.00	0.01624	-0.005223	-0.008868	0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51433
Residential Multi-Family Meter Class I	12.00	0.01624	-0.003406	0.010161	0.12243	+(0.30005	+ 0.05268	= 0.35273	)=	0.49816
Gas Light Rate-Residential					0.15945	+(0.30005	+ 0.05268	= 0.35273	)=	0.51218
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.000514	(see above)		From Others	Reservation Charge				
						+ per contract	+ 0.05268				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales											
Small General Service	33.00	3.74	-0.05023	0.10161	1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180
Large General Service	400.00	146.57	-0.03612		1.03220	+(3.0005	+ 0.5268	= 3.5273	)=	4.55950
GasLight Rate-Commercial		9.86			1.59450	+(3.0005	+ 0.5268	= 3.5273	)=	5.12180
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge				
						+ per contract	+ 0.52680				
	Customer Charge	EO Charge		UETM	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
				see note 2							
Transportation	\$/mo										
TR-1	850.00	40.03		-0.02249	0.7777	0.6277					
TR-2	2,250.00	125.23		-0.01013	0.4796	0.3296					
TR-3	3,050.00	414.47		-0.00534	0.4651	0.3151					
Note 1: Effective for bills rendered for the April 2015 through March 2016 billing months, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17690											
Note 2: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548											
Note 3: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547											
Note 4: Reservation Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17690 - Revised 7/13/15											
Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books											

DTE GAS COMPANY										May 1, 2015
	Customer Charge	RDM Surcharge	IRM Surcharge	UETM Surcharge	RDM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
		See note 6 (\$/month)	See note 1	see note 5	See note 6	see note 3	see note 4 (volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE										
Sales										
Residential Service - Rate A (old 2) (Note 2)	10.50	0.01	0.88	0.00		0.01777 +	0.24942 +	0.02600 +	From Utility 0.40700	= 0.70019
Residential Multi Family Rate 2A Class 1	10.50		3.79	0.00	0.05 +	0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.74669
Residential Multi Family Rate 2A Class 2	26.20		3.79	0.00		0.01427 +	0.24942 +	0.02600 +	0.40700 +	= 0.69669
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	-0.30	0.88	0.00		0.01777 +	0.24942 +		0.40700 +	= 0.67419
Customer Choice alternative suppliers	(see above)						(see above)	0.02600 +	From Others per contract	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)										
Sales (volumetric charges in \$/Mcf metered)										
Rate GS-1	26.20	0.13	2.59	0.00		0.1427 +	2.4821 +	0.26000 +	From Utility 4.0700	= 6.9548
Rate GS-2 (<100,000 Mcf)	590.00		2.59	0.00		0.1427 +	1.9995 +	0.26000 +	4.0700 +	= 6.4722
Rate GS-2 (>100,000 Mcf)	590.00		2.59	0.00		0.0135 +	1.9995 +	0.26000 +	4.0700 +	= 6.3430
Rate S	200.00	-2.70	28.88	0.00		0.1427 +	1.5968 +	0.26000 +	4.0700 +	= 6.0695
Customer Choice alternative suppliers	(see above)						(see above)		From Others per contract	
Transportation										
Rate ST (cost based rate)	2030.00		116.52	0.00		0.0135	0.7959		per contract	
Maximum (optional)	2030.00		116.52	0.00		0.0135	1.3618		per contract	
Minimum (optional)	2030.00		116.52	0.00		0.0135	0.2300		per contract	
Rate LT (cost based rate)	3660.00		500.00	0.00		0.0135	0.6001		per contract	
Maximum (optional)	3660.00		500.00	0.00		0.0135	0.9702		per contract	
Minimum (optional)	3660.00		500.00	0.00		0.0135	0.2300		per contract	
Rate XLT (cost based rate)	9100.00		500.00	0.00		0.0135	0.5068		per contract	
Maximum (optional)	9100.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	9100.00		500.00	0.00		0.0135	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00		500.00	0.00		0.0135	0.1652		per contract	
Maximum (optional)	120000.00		500.00	0.00		0.0135	0.8336		per contract	
Minimum (optional)	120000.00		500.00	0.00		0.0135	0.0500		per contract	
EUT Exploratory Program						0.0069				
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st										
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round										
Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608.										
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131										
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214										
Note 6: RDM credit/surcharge effective for the billing month of May 2015 per U-16877										
Rates at utilities.dteenergy.com (PDF version)										
My.dteenergy.com for understanding your bill										
Rates Reference:	see	Rate Books	for more details							

SEMCO

SEMCO ENERGY GAS COMPANY

May 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge						Total Charge
			see note 2	see note 1			see note 3				
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)					
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
Residential Service		11.50	0.42	0.01631	0.17342	+(0.32917	+ 0.06783	= 0.39700	)=	0.58673	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge				
						+ per contract	+ 0.06783				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)					
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor			
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0649	1.8203	+(3.29170	+ 0.6783	+ 3.9700	)=	6.85520	
	(>9 Dth)			0.0001	1.8203	3.29170	0.6783	3.9700		5.79040	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0649	1.3932	+(3.29170	+ 0.6783	+ 3.9700	)=	6.42810	
	(>9 Dth)			0.0001	1.3932	3.29170	0.6783	3.9700		5.36330	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0649	1.0985	+(3.29170	+ 0.6783	+ 3.9700	)=	6.13340	
	(>9 Dth)			0.0001	1.0985	3.29170	0.6783	3.9700		5.06860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge				
						+ per contract	+ 0.67830				
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0656	75.00	per contract	0.9068	0.7568		0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568		0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0656	75.00	per contract	0.6279	0.4779		0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779		0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531		0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531		0.0344	
OTHER		(\$/month)									
Gas Light Service		7.00									

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17692 - Revised 7/13/15

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+	0.55090 = 0.64984
Seasonal	10.00	0.09894	+	0.55090 = 0.64984
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+	5.5090 = 6.3604
Small Seasonal	18.38	0.8514	+	5.5090 = 6.3604
Large	102.21	0.6214	+	5.5090 = 6.1304
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.4829 = 0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		4.8290 = 8.0320
Large	188.00	2.3360		4.8290 = 7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+	0.50423 = 0.67773
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+	5.0423 = 6.2223
Firm (304)	431.00	1.1800	+	5.0423 = 6.2223
Interruptible (303)	130.00	0.5600	+	5.0423 = 5.6023
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	3.4661	4.0552 /Mcf	U-17693
DTE Gas Company	<i>No Change</i>	4.0700	4.0700 /Mcf	U-17691
Michigan Gas Utilities Corp	<i>Decrease</i>	3.5273	4.3288 /Mcf	U-17690
Presque Isle E. & G. Coop.	<i>Decrease</i>	4.8290	4.8290 /Mcf	U-17695
SEMCO Energy Gas Co	<i>Decrease</i>	4.2000	4.5704 /Dth	U-17692
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	6.2007	7.2508 /Dth	U-17650
Xcel Energy	<i>Decrease</i>	5.0423	5.5410 /Dth	U-17694

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	5.0723	5.0044	4.8867	3.4661		/Mcf
<u>-U-17693 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	4.0552		/Mcf
DTE Gas Company						
- As Currently Billed	4.9700	4.4000	4.0700	4.0700		/Mcf
<u>-U-17691 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100	4.0700		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.9691	4.9691	4.4691	3.5273		/Mcf
<u>-U-17690 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471	4.3288		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	4.8290		/Mcf
<u>-U-17695-As Filed or as Ordered</u>	5.4170	5.4170	5.4170	4.8290		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.9900	5.4900	4.8900	4.2000		/Dth
<u>-U-17692 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256	4.5704		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	6.2242	6.5187	5.9856	6.2007		/Dth
<u>-U-17650 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508	7.2508		/Dth
Xcel Energy						
- As Currently Billed	6.3793	6.3793	6.3793	5.0423		/Dth
<u>-U-17694 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	5.5410		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17334 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17332 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17331 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17336-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17333 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17335 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.50	0.29129	+ 0.34661	= 0.63790	\$75.29	-4%
DTE Gas Company	11.38	0.29319	+ 0.40700	= 0.70019	\$81.40	3%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.35273	= 0.51433	\$63.43	-19%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4829	= 0.93730	\$105.73	34%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18973	+ 0.42000	= 0.60973	\$72.89	-7%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.62007	= 0.71901	\$76.90	-2%
Xcel Energy	7.25	0.17350	+ 0.50423	= 0.67773	\$75.02	-5%
AVERAGE RATE	10.15	0.23752	+ 0.44765	= 0.59952	\$78.67	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2015

	Customer Charge	PRDM	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 4	see note 2		see note 3		
	(\$/month)	(\$/month)			(volumetric charges in \$/ccf)		
RESIDENTIAL SERVICE							
Sales						From Utility	
Rate A	11.50	0.04	0.02108	+	0.27021	0.34661	= 0.63790
Rate A-1 Residential Multi-Family	11.50	0.04	0.02108	+	0.27021	0.34661	= 0.63790
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							
Customer Choice						From Others	
<u>alternative suppliers</u>	11.50		0.02108		0.27021	per contract	
						* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE							
	(\$/month)				(volumetric charges in \$/Mcf)		
Sales						From Utility	
General Service - Rate GS-1	12.50		0.1387	+	2.28900	3.4661	= 5.8938
General Service - Rate GS-2	19.50		0.1387	+	2.07120	3.4661	= 5.6760
General Service - Rate GS-3 (0-100,000 Year)	576.80		0.1387	+	1.07300	3.4661	= 4.6778
General Service - Rate GS-3 (>100,000 Year)	576.80		0.0049	+	1.01830	3.4661	= 4.4893
Customer Choice						From Others	
<u>alternative suppliers</u>	(see above)		(see above)			per contract	
Transportation		(\$/month)			(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	-4.64	0.1387		0.9484	per contract	
ST Optional Maximum Rate			0.1387		1.4226	per contract	
ST Optional Minimum Rate			0.1387		0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	-4.64	0.0049		0.9484	per contract	
ST Optional Maximum Rate			0.0049		1.4226	per contract	
ST Optional Minimum Rate			0.0049		0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00	-4.64	0.1387		0.6186	per contract	
LT Optional Maximum Rate			0.1387		0.9279	per contract	
LT Optional Minimum Rate			0.1387		0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00	-4.64	0.0049		0.6186	per contract	
LT Optional Maximum Rate			0.0049		0.9279	per contract	
LT Optional Minimum Rate			0.0049		0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	-4.64	0.1387		0.4868	per contract	
XLT Optional Maximum Rate			0.1387		0.7302	per contract	
XLT Optional Minimum Rate			0.1387		0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	-4.64	0.0049		0.4868	per contract	
XLT Optional Maximum Rate			0.0049		0.7302	per contract	
XLT Optional Minimum Rate			0.0049		0.2434	per contract	
XLT Remote Meter Charge	70.00					per contract	
OTHER							
	(\$/month)						
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	15.00				includes gas		
2.6 to 4.5 CF/Hr	23.00				includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Pilot Revenue Decoupling Mechanism Residual Balance Reconciliation per U-17082 effective for the March 2015 bill month

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

MICHIGAN GAS UTILITIES CORP.

April 1, 2015

	Customer Charge	EO Charge	UETM Adjustment	UETM Adjustment	RDM Adjustment	RDM Adjustment	Distribution Charge				Total Vol Charge
		see note 1	see note 3	see note 5	see note 4	see note 6			see note 7		
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01624	0.000000	-0.005223	0.000000	-0.008868	0.15945	+(0.30005	+ 0.05268	= 0.35273	)= 0.51433
Residential Multi-Family											
Meter Class I	12.00	0.01624	0.000000	-0.003406	0.000000	0.010161	0.12243	+(0.30005	+ 0.05268	= 0.35273	)= 0.49816
Gas Light Rate-Residential							0.15945	+(0.30005	+ 0.05268	= 0.35273	)= 0.51218
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.00000	-0.000514	(see above)	(see above)		From Others	Reservation Charge		
								+ per contract	+ 0.05268		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	33.00	3.74	0.00000	-0.05023	0.00000	0.10161	1.59450	+(3.0005	+ 0.5268	= 3.5273	)= 5.12180
Large General Service	400.00	146.57	0.00000	-0.03612			1.03220	+(3.0005	+ 0.5268	= 3.5273	)= 4.55950
Gas Light Rate-Commercial		9.86					1.59450	+(3.0005	+ 0.5268	= 3.5273	)= 5.12180
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)						From Others	Reservation Charge		
								+ per contract	+ 0.52680		
	Customer Charge	EO Charge	Additional Meters		UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
					see note 3	see note 5					
						(volumetric charges in \$/Mcf metered)					
Transportation		\$/mo									
TR-1	850.00	40.03	890		0.00000	-0.02249	0.7777	0.6277			
TR-2	2,250.00	125.23	2,375		0.00000	-0.01013	0.4796	0.3296			
TR-3	3,050.00	414.47	3,464		0.00000	-0.00534	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

Note 7: Reservation Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17690 - Revised 7/13/15

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

DTE GAS COMPANY									
April 1, 2015									
	Customer Charge	IRM Surcharges	UETM Surcharges	EO Surcharges	UETM Surcharges	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 1	see note 5	see note 3	see note 6	see note 4				
RESIDENTIAL SERVICE (\$/month)									
(volumetric charges in \$/Ccf metered)									
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01777		+ 0.24942	+ 0.02600	+ 0.40700	= 0.70019
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01427		+ 0.24942	+ 0.02600	+ 0.40700	= 0.69669
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01427		+ 0.24942	+ 0.02600	+ 0.40700	= 0.69669
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01777		+ 0.24942		+ 0.40700	= 0.67419
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)	+ 0.02600	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)									
(volumetric charges in \$/Mcf metered)									
Sales								From Utility	
Rate GS-1	26.20	2.59	0.00	0.1427		+ 2.4821	+ 0.26000	+ 4.0700	= 6.9548
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1427		+ 1.9995	+ 0.26000	+ 4.0700	= 6.4722
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0135		+ 1.9995	+ 0.26000	+ 4.0700	= 6.3430
Rate S	200.00	28.88	0.00	0.1427		+ 1.5968	+ 0.26000	+ 4.0700	= 6.0695
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)		per contract	
Transportation								From Others	
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0135		0.7959		per contract	
Maximum (optional)	2030.00	116.52	0.00	0.0135		1.3618		per contract	
Minimum (optional)	2030.00	116.52	0.00	0.0135		0.2300		per contract	
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0135		0.6001		per contract	
Maximum (optional)	3660.00	500.00	0.00	0.0135		0.9702		per contract	
Minimum (optional)	3660.00	500.00	0.00	0.0135		0.2300		per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0135		0.5068		per contract	
Maximum (optional)	9100.00	500.00	0.00	0.0135		0.8336		per contract	
Minimum (optional)	9100.00	500.00	0.00	0.0135		0.1800		per contract	
Rate XXL (cost based rate)	120000.00	500.00	0.00	0.0135	0	0.1652		per contract	
Maximum (optional)	120000.00	500.00	0.00	0.0135		0.8336		per contract	
Minimum (optional)	120000.00	500.00	0.00	0.0135		0.0500		per contract	
EUT Exploratory Program				0.0069					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge						10.0000			
Load Balancing Storage Charge						0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: Effective September, 2014, XXLT customers are subject to the UETM surcharge/credit per U-17214 Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

April 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1			see note 3			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01631	0.17342	+(0.35217	+ 0.06783	= 0.42000	)= 0.60973	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06783			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0649	1.8203	+(3.52170	+ 0.6783	+ 4.2000	)= 7.08520	
	(>9 Dth)			0.0001	1.8203	3.52170	0.6783	4.2000	6.02040	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0649	1.3932	+(3.52170	+ 0.6783	+ 4.2000	)= 6.65810	
	(>9 Dth)			0.0001	1.3932	3.52170	0.6783	4.2000	5.59330	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0649	1.0985	+(3.52170	+ 0.6783	+ 4.2000	)= 6.36340	
	(>9 Dth)			0.0001	1.0985	3.52170	0.6783	4.2000	5.29860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.67830			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0656	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered for April 2015 through March 2016 billing months per U-17692 - Revised 7/13/15

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.62007	= 0.71901
Seasonal	10.00	0.09894	+ 0.62007	= 0.71901
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 6.2007	= 7.0521
Small Seasonal	18.38	0.8514	+ 6.2007	= 7.0521
Large	102.21	0.6214	+ 6.2007	= 6.8221
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4829	0.9373
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.8290	8.0320
Large	188.00	2.3360	4.8290	7.1650

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.50423	= 0.67773
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 5.0423	= 6.2223
Firm (304)	431.00	1.1800	+ 5.0423	= 6.2223
Interruptible (303)	130.00	0.5600	+ 5.0423	= 5.6023
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.8867	5.5750 /Mcf	U-17334
DTE Gas Company	<i>Decrease</i>	4.0700	4.2100 /Mcf	U-17332
Michigan Gas Utilities Corp	<i>Decrease</i>	4.4691	5.7471 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170 /Mcf	U-17336
SEMCO Energy Gas Co	<i>Decrease</i>	4.8900	6.4256 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.9856	7.2508 /Dth	U-17279
Xcel Energy	<i>No Change</i>	6.3793	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	5.0723	5.0044	4.8867			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750			/Mcf
DTE Gas Company						
- As Currently Billed	4.9700	4.4000	4.0700			/Mcf
<u>-U-17322 - As Filed or As Ordered</u>	4.9700	4.4000	4.2100			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.9691	4.9691	4.4691			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7471	5.7471	5.7471			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170			/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4170	5.4170	5.4170			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.9900	5.4900	4.8900			/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4256	6.4256	6.4256			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	6.2242	6.5187	5.9856			/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508	7.2508			/Dth
Xcel Energy						
- As Currently Billed	6.3793	6.3793	6.3793			/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	11.50	0.29129	+ 0.48867	= 0.77996	\$89.50	5%
DTE Gas Company	11.38	0.29319	+ 0.40700	= 0.70019	\$81.40	-5%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.44691	= 0.60851	\$72.85	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	31%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18973	+ 0.48900	= 0.67873	\$79.79	-7%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.59856	= 0.69750	\$74.75	-13%
Xcel Energy	7.25	0.17350	+ 0.63793	= 0.81143	\$88.39	3%
AVERAGE RATE	10.15	0.23752	+ 0.51568	= 0.65905	\$85.47	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2015

	Customer Charge	PRDM	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 4 Demand	see note 2		see note 3 (volumetric charges in \$/ccf)		
RESIDENTIAL SERVICE	(\$/month)						
Sales						From Utility	
Rate A	11.50	0.04	0.02108	+	0.27021	0.48867	= 0.77996
Rate A-1 Residential Multi-Family	11.50	0.04	0.02108	+	0.27021	0.48867	= 0.77996
Excess Peak Demand Charge \$0.07/Mcf (Note 1)							
Customer Choice						From Others	
<u>alternative suppliers</u>	11.50		0.02108		0.27021	per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)		
Sales						From Utility	
General Service - Rate GS-1	12.50		0.1387	+	2.28900	4.8867	= 7.3144
General Service - Rate GS-2	19.50		0.1387	+	2.07120	4.8867	= 7.0966
General Service - Rate GS-3 (0-100,000 Year)	576.80		0.1387	+	1.07300	4.8867	= 6.0984
General Service - Rate GS-3 (>100,000 Year)	576.80		0.0049	+	1.01830	4.8867	= 5.9099
Customer Choice						From Others	
<u>alternative suppliers</u>	(see above)			(see above)		per contract	
Transportation		(\$/month)		(volumetric charges in \$/Mcf)		From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	-4.64	0.1387		0.9484	per contract	
ST Optional Maximum Rate			0.1387		1.4226	per contract	
ST Optional Minimum Rate			0.1387		0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	-4.64	0.0049		0.9484	per contract	
ST Optional Maximum Rate			0.0049		1.4226	per contract	
ST Optional Minimum Rate			0.0049		0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00	-4.64	0.1387		0.6186	per contract	
LT Optional Maximum Rate			0.1387		0.9279	per contract	
LT Optional Minimum Rate			0.1387		0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00	-4.64	0.0049		0.6186	per contract	
LT Optional Maximum Rate			0.0049		0.9279	per contract	
LT Optional Minimum Rate			0.0049		0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	-4.64	0.1387		0.4868	per contract	
XLT Optional Maximum Rate			0.1387		0.7302	per contract	
XLT Optional Minimum Rate			0.1387		0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	-4.64	0.0049		0.4868	per contract	
XLT Optional Maximum Rate			0.0049		0.7302	per contract	
XLT Optional Minimum Rate			0.0049		0.2434	per contract	
XLT Remote Meter Charge	70.00					per contract	
OTHER	(\$/month)						
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	15.00				includes gas		
2.6 to 4.5 CF/Hr	23.00				includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Rate Increase per U-17643

Note 4: Pilot Revenue Decoupling Mechanism Residual Balance Reconciliation per U-17082 effective for the March 2015 bill month

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference:

see

[Rate Books](#)

MICHIGAN GAS UTILITIES CORP.

March 1, 2015

	Customer Charge	EO Charge	UETM Adjustment	UETM Adjustment	RDM Adjustment	RDM Adjustment	Distribution Charge				Total Vol Charge
		see note 1	see note 3	see note 5	see note 4	see note 6					
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01624	0.000000	-0.005223	0.000000	-0.008868	0.15945	+(0.40000	+ 0.04691	= 0.44691	)= 0.60851
Residential Multi-Family											
Meter Class I	12.00	0.01624	0.000000	-0.003406	0.000000	0.010161	0.12243	+(0.40000	+ 0.04691	= 0.44691	)= 0.59234
Gas Light Rate-Residential							0.15945	+(0.40000	+ 0.04691	= 0.44691	)= 0.60636
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.00000	-0.000514	(see above)	(see above)		From Others	Reservation Charge		
								+ per contract	+ 0.04691		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	33.00	3.74	0.00000	-0.05023	0.00000	0.10161	1.59450	+(4.0000	+ 0.4691	= 4.4691	)= 6.06360
Large General Service	400.00	146.57	0.00000	-0.03612			1.03220	+(4.0000	+ 0.4691	= 4.4691	)= 5.50130
Gas Light Rate-Commercial		9.86					1.59450	+(4.0000	+ 0.4691	= 4.4691	)= 6.06360
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)						From Others	Reservation Charge		
								+ per contract	+ 0.46910		
	Customer Charge	EO Charge	Additional Meters		UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
					see note 3	see note 5					
							(volumetric charges in \$/Mcf metered)				
Transportation		\$/mo									
TR-1	850.00	40.03	890		0.00000	-0.02249	0.7777	0.6277			
TR-2	2,250.00	125.23	2,375		0.00000	-0.01013	0.4796	0.3296			
TR-3	3,050.00	414.47	3,464		0.00000	-0.00534	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

DTE GAS COMPANY										March 1, 2015	
	Customer Charge	IRM Surcharge	UETM Surcharge	EO Surcharge	UETM Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
	See note 1	see note 5	see note 3	see note 6	see note 4						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)								
Sales								From Utility			
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01777	+	0.24942	+	0.02600	= 0.70019		
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01427	+	0.24942	+	0.02600	= 0.69669		
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01427	+	0.24942	+	0.02600	= 0.69669		
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01777	+	0.24942	+	0.40700	= 0.67419		
Customer Choice								From Others			
alternative suppliers	(see above)				(see above)	+	0.02600	+	per contract		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)								
Sales								From Utility			
Rate GS-1	26.20	2.59	0.00	0.1427	+	2.4821	+	0.26000	= 6.9548		
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1427	+	1.9995	+	0.26000	= 6.4722		
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0135	+	1.9995	+	0.26000	= 6.3430		
Rate S	200.00	28.88	0.00	0.1427	+	1.5968	+	0.26000	= 6.0695		
Customer Choice								From Others			
alternative suppliers	(see above)				(see above)			per contract			
Transportation								From Others			
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0135		0.7959		per contract			
Maximum (optional)	2030.00	116.52	0.00	0.0135		1.3618		per contract			
Minimum (optional)	2030.00	116.52	0.00	0.0135		0.2300		per contract			
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0135		0.6001		per contract			
Maximum (optional)	3660.00	500.00	0.00	0.0135		0.9702		per contract			
Minimum (optional)	3660.00	500.00	0.00	0.0135		0.2300		per contract			
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0135		0.5068		per contract			
Maximum (optional)	9100.00	500.00	0.00	0.0135		0.8336		per contract			
Minimum (optional)	9100.00	500.00	0.00	0.0135		0.1800		per contract			
Rate XXLT (cost based rate)	120000.00	500.00	0.00	0.0135	0	0.1652		per contract			
Maximum (optional)	120000.00	500.00	0.00	0.0135		0.8336		per contract			
Minimum (optional)	120000.00	500.00	0.00	0.0135		0.0500		per contract			
EUT Exploratory Program				0.0069							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge						10.0000					
Load Balancing Storage Charge						0.25/MMBtu					
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131											
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214											
Note 6: Effective September, 2014, XXLT customers are subject to the UETM surcharge/credit per U-17214											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:	see	Rate Books	for more details								

SEMCO ENERGY GAS COMPANY

March 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01631	0.17342	+(0.42169	+ 0.06731	= 0.48900	)= 0.67873	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0649	1.8203	+(4.21690	+ 0.6731	+ 4.8900	)= 7.77520	
	(>9 Dth)			0.0001	1.8203	4.21690	0.6731	4.8900	6.71040	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0649	1.3932	+(4.21690	+ 0.6731	+ 4.8900	)= 7.34810	
	(>9 Dth)			0.0001	1.3932	4.21690	0.6731	4.8900	6.28330	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0649	1.0985	+(4.21690	+ 0.6731	+ 4.8900	)= 7.05340	
	(>9 Dth)			0.0001	1.0985	4.21690	0.6731	4.8900	5.98860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>			(see above)		(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.67310			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	77.63	0.0656	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+	0.59856 = 0.69750
Seasonal	10.00	0.09894	+	0.59856 = 0.69750
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+	5.9856 = 6.8370
Small Seasonal	18.38	0.8514	+	5.9856 = 6.8370
Large	102.21	0.6214	+	5.9856 = 6.6070
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544		0.5417 = 0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030		5.4170 = 8.6200
Large	188.00	2.3360		5.4170 = 7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+	0.63793 = 0.81143
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+	6.3793 = 7.5593
Firm (304)	431.00	1.1800	+	6.3793 = 7.5593
Interruptible (303)	130.00	0.5600	+	6.3793 = 6.9393
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	5.0044	5.5750 /Mcf	U-17334
DTE Gas Company	<i>Decrease</i>	4.4000	4.9700 /Mcf	U-17332
Michigan Gas Utilities Corp	<i>No Change</i>	4.9691	5.7471 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170 /Mcf	U-17336
SEMCO Energy Gas Co	<i>Decrease</i>	5.4900	6.4256 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	6.5187	7.2508 /Dth	U-17279
Xcel Energy	<i>No Change</i>	6.3793	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	5.0723	5.0044				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750				/Mcf
DTE Gas Company						
- As Currently Billed	4.9700	4.4000				/Mcf
<u>-U-17322 - As Filed or As Ordered</u>	4.9700	4.4000				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.9691	4.9691				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7471	5.7471				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4170	5.4170				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.9900	5.4900				/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4256	6.4256				/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	6.2242	6.5187				/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508	7.2508				/Dth
Xcel Energy						
- As Currently Billed	6.3793	6.3793				/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2015

Calendar Year of GCR Factors

	Jul-15 \$/unit	Aug-15 \$/unit	Sep-15 \$/unit	Oct-15 \$/unit	Nov-15 \$/unit	Dec-15 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	11.50	0.29129	+ 0.50044	= 0.79173	\$90.67	3%
DTE Gas Company	11.38	0.29319	+ 0.44000	= 0.73319	\$84.70	-4%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.49691	= 0.65851	\$77.85	-12%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	26%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18973	+ 0.54900	= 0.73873	\$85.79	-3%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.65187	= 0.75081	\$80.08	-9%
Xcel Energy	7.25	0.17350	+ 0.63793	= 0.81143	\$88.39	0%
AVERAGE RATE	10.15	0.23752	+ 0.54541	= 0.68506	\$88.44	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2015

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2		see note 3		
				(volumetric charges in \$/ccf)		
RESIDENTIAL SERVICE	(\$/month)					
Sales				From Utility		
Rate A	11.50	0.02108	+	0.27021	0.50044	= 0.79173
Rate A-1 Residential Multi-Family	11.50	0.02108	+	0.27021	0.50044	= 0.79173
Excess Peak Demand Charge \$0.07/Mcf (Note 1)						
Customer Choice				From Others		
<u>alternative suppliers</u>	11.50	0.02108		0.27021	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
General Service - Rate GS-1	12.50	0.1387	+	2.28900	5.0044	= 7.4321
General Service - Rate GS-2	19.50	0.1387	+	2.07120	5.0044	= 7.2143
General Service - Rate GS-3 (0-100,000 Year)	576.80	0.1387	+	1.07300	5.0044	= 6.2161
General Service - Rate GS-3 (>100,000 Year)	576.80	0.0049	+	1.01830	5.0044	= 6.0276
Customer Choice				From Others		
<u>alternative suppliers</u>	(see above)			(see above)	per contract	
Transportation				(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	621.50	0.1387		0.9484	per contract	
ST Optional Maximum Rate		0.1387		1.4226	per contract	
ST Optional Minimum Rate		0.1387		0.4742	per contract	
Rate ST Cost Based Rate (>100,000 Year)	621.50	0.0049		0.9484	per contract	
ST Optional Maximum Rate		0.0049		1.4226	per contract	
ST Optional Minimum Rate		0.0049		0.4742	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,370.00	0.1387		0.6186	per contract	
LT Optional Maximum Rate		0.1387		0.9279	per contract	
LT Optional Minimum Rate		0.1387		0.3093	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,370.00	0.0049		0.6186	per contract	
LT Optional Maximum Rate		0.0049		0.9279	per contract	
LT Optional Minimum Rate		0.0049		0.3093	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,792.00	0.1387		0.4868	per contract	
XLT Optional Maximum Rate		0.1387		0.7302	per contract	
XLT Optional Minimum Rate		0.1387		0.2434	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,792.00	0.0049		0.4868	per contract	
XLT Optional Maximum Rate		0.0049		0.7302	per contract	
XLT Optional Minimum Rate		0.0049		0.2434	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	15.00			includes gas		
2.6 to 4.5 CF/Hr	23.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: New Rate Increase per U-17643

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference:

see

[Rate Books](#)

DTE GAS COMPANY									
February 1, 2015									
	Customer Charge	IRM Surcharges	UETM Surcharges	EO Surcharges	UETM Surcharges	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 1	see note 5	see note 3	see note 6	see note 4				
RESIDENTIAL SERVICE (\$/month)									
(volumetric charges in \$/Ccf metered)									
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01777		+ 0.24942	+ 0.02600	+ 0.44000	= 0.73319
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01427		+ 0.24942	+ 0.02600	+ 0.44000	= 0.72969
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01427		+ 0.24942	+ 0.02600	+ 0.44000	= 0.72969
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01777		+ 0.24942		+ 0.44000	= 0.70719
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)	+ 0.02600	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)									
(volumetric charges in \$/Mcf metered)									
Sales								From Utility	
Rate GS-1	26.20	2.59	0.00	0.1427		+ 2.4821	+ 0.26000	+ 4.4000	= 7.2848
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1427		+ 1.9995	+ 0.26000	+ 4.4000	= 6.8022
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0135		+ 1.9995	+ 0.26000	+ 4.4000	= 6.6730
Rate S	200.00	28.88	0.00	0.1427		+ 1.5968	+ 0.26000	+ 4.4000	= 6.3995
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)		per contract	
Transportation								From Others	
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0135		0.7959		per contract	
Maximum (optional)	2030.00	116.52	0.00	0.0135		1.3618		per contract	
Minimum (optional)	2030.00	116.52	0.00	0.0135		0.2300		per contract	
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0135		0.6001		per contract	
Maximum (optional)	3660.00	500.00	0.00	0.0135		0.9702		per contract	
Minimum (optional)	3660.00	500.00	0.00	0.0135		0.2300		per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0135		0.5068		per contract	
Maximum (optional)	9100.00	500.00	0.00	0.0135		0.8336		per contract	
Minimum (optional)	9100.00	500.00	0.00	0.0135		0.1800		per contract	
Rate XXL (cost based rate)	120000.00	500.00	0.00	0.0135	0	0.1652		per contract	
Maximum (optional)	120000.00	500.00	0.00	0.0135		0.8336		per contract	
Minimum (optional)	120000.00	500.00	0.00	0.0135		0.0500		per contract	
EUT Exploratory Program				0.0069					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge						10.0000			
Load Balancing Storage Charge						0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: Effective September, 2014, XXLT customers are subject to the UETM surcharge/credit per U-17214 Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books	for more details						

MICHIGAN GAS UTILITIES CORP.

February 1, 2015

	Customer Charge	EO Charge	UETM Adjustment	UETM Adjustment	RDM Adjustment	RDM Adjustment	Distribution Charge				Total Vol Charge
		see note 1	see note 3	see note 5	see note 4	see note 6					
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01624	0.000000	-0.005223	0.000000	-0.008868	0.15945	+(0.45000	+ 0.04691	= 0.49691	)= 0.65851
Residential Multi-Family											
Meter Class I	12.00	0.01624	0.000000	-0.003406	0.000000	0.010161	0.12243	+(0.45000	+ 0.04691	= 0.49691	)= 0.64234
Gas Light Rate-Residential							0.15945	+(0.45000	+ 0.04691	= 0.49691	)= 0.65636
Customer Choice-Residential alternative suppliers	(see above)	(see above)	0.00000	-0.000514	(see above)	(see above)		From Others	Reservation Charge		
								+ per contract	+ 0.04691		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	33.00	3.74	0.00000	-0.05023	0.00000	0.10161	1.59450	+(4.5000	+ 0.4691	= 4.9691	)= 6.56360
Large General Service	400.00	146.57	0.00000	-0.03612			1.03220	+(4.5000	+ 0.4691	= 4.9691	)= 6.00130
Gas Light Rate-Commercial		9.86					1.59450	+(4.5000	+ 0.4691	= 4.9691	)= 6.56360
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)						From Others	Reservation Charge		
								+ per contract	+ 0.46910		
	Customer Charge	EO Charge	Additional Meters		UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
					see note 3	see note 5					
							(volumetric charges in \$/Mcf metered)				
Transportation		\$/mo									
TR-1	850.00	40.03	890		0.00000	-0.02249	0.7777	0.6277			
TR-2	2,250.00	125.23	2,375		0.00000	-0.01013	0.4796	0.3296			
TR-3	3,050.00	414.47	3,464		0.00000	-0.00534	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

February 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01631	0.17342	+(0.48169	+ 0.06731	= 0.54900	)= 0.73873	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0649	1.8203	+(4.81690	+ 0.6731	+ 5.4900	)= 8.37520	
	(>9 Dth)			0.0001	1.8203	4.81690	0.6731	5.4900	7.31040	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0649	1.3932	+(4.81690	+ 0.6731	+ 5.4900	)= 7.94810	
	(>9 Dth)			0.0001	1.3932	4.81690	0.6731	5.4900	6.88330	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0649	1.0985	+(4.81690	+ 0.6731	+ 5.4900	)= 7.65340	
	(>9 Dth)			0.0001	1.0985	4.81690	0.6731	5.4900	6.58860	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.67310			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	77.63	0.0656	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0656	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0656	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after February 1, 2015, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

Rates Reference: see

surcharges are in addition to rates above

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.65187	= 0.75081
Seasonal	10.00	0.09894	+ 0.65187	= 0.75081
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 6.5187	= 7.3701
Small Seasonal	18.38	0.8514	+ 6.5187	= 7.3701
Large	102.21	0.6214	+ 6.5187	= 7.1401
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.63793	= 0.81143
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 6.3793	= 7.5593
Firm (304)	431.00	1.1800	+ 6.3793	= 7.5593
Interruptible (303)	130.00	0.5600	+ 6.3793	= 6.9393
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January 1, 2015

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	5.0723	5.5750 /Mcf	U-17334
DTE Gas Company	<i>No Change</i>	4.9700	4.9700 /Mcf	U-17332
Michigan Gas Utilities Corp	<i>Decrease</i>	4.9691	5.7471 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170 /Mcf	U-17336
SEMCO Energy Gas Co	<i>Decrease</i>	5.9900	6.4256 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	6.2242	7.2508 /Dth	U-17279
Xcel Energy	<i>Decrease</i>	6.3793	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2015

Calendar Year of GCR Factors

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	5.0723					/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750					/Mcf
DTE Gas Company						
- As Currently Billed	4.9700					/Mcf
<u>-U-17322 - As Filed or As Ordered</u>	4.9700					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.9691					/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7471					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170					/Mcf
<u>-U-17336-As Filed or as Ordered</u>	5.4170					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.9900					/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4256					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	6.2242					/Dth
<u>-U-17279 - As Filed or as Ordered</u>	7.2508					/Dth
Xcel Energy						
- As Currently Billed	6.3793					/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040					/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2015

Calendar Year of GCR Factors

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17334 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17332 - As Filed or As Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17331 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17336-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17333 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17335 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January 1, 2015

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.30338	+ 0.50723	= 0.81061	\$91.56	2%
DTE Gas Company	11.38	0.29319	+ 0.49700	= 0.79019	\$90.40	1%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.49691	= 0.65851	\$77.85	-13%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	24%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18838	+ 0.59900	= 0.78738	\$90.66	1%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.62242	= 0.72136	\$77.14	-14%
Xcel Energy	7.25	0.17350	+ 0.63793	= 0.81143	\$88.39	-1%
AVERAGE RATE	10.01	0.23906	+ 0.55746	= 0.69695	\$89.66	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2015

CONSUMERS ENERGY COMPANY										January 1, 2013	
	Customer Charge	Interim Rate Increase U-17643	Energy Efficiency Charge	Distribution Charge	GCR Factor	Total Vol Charge					
		see note 3	see note 2								
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)						
Sales					From Utility						
Rate A	10.50	0.02176	+	0.02108	+	0.26054	0.50723	=	0.81061		
Rate A-1 Residential Multi-Family	10.50	0.02	+	0.02108	+	0.26054	0.50723	=	0.80470		
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)											
Customer Choice					From Others						
alternative suppliers	10.50			0.02108		0.26054		per contract			
							* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)						
Sales					From Utility						
General Service - Rate GS-1	11.65	0.1610	+	0.1387	+	2.17840	5.0723	=	7.5504		
General Service - Rate GS-2	18.70	0.1203	+	0.1387	+	1.95900	5.0723	=	7.2903		
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.0875	+	0.1387	+	1.01830	5.0723	=	6.3168		
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0875	+	0.0049	+	1.01830	5.0723	=	6.1830		
Customer Choice					From Others						
alternative suppliers	(see above)				(see above)		per contract				
Transportation					(volumetric charges in \$/Mcf)		From Others				
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.0640		0.1387		0.8988		per contract			
ST Optional Maximum Rate				0.1387		1.5676		per contract			
ST Optional Minimum Rate				0.1387		0.2300		per contract			
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0640		0.0049		0.8988		per contract			
ST Optional Maximum Rate				0.0049		1.5676		per contract			
ST Optional Minimum Rate				0.0049		0.2300		per contract			
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.0430		0.1387		0.5859		per contract			
LT Optional Maximum Rate				0.1387		0.9418		per contract			
LT Optional Minimum Rate				0.1387		0.2300		per contract			
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0430		0.0049		0.5859		per contract			
LT Optional Maximum Rate				0.0049		0.9418		per contract			
LT Optional Minimum Rate				0.0049		0.2300		per contract			
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.0275		0.1387		0.4634		per contract			
XLT Optional Maximum Rate				0.1387		0.7768		per contract			
XLT Optional Minimum Rate				0.1387		0.1500		per contract			
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0275		0.0049		0.4634		per contract			
XLT Optional Maximum Rate				0.0049		0.7768		per contract			
XLT Optional Minimum Rate				0.0049		0.1500		per contract			
XLT Remote Meter Charge	70.00							per contract			
OTHER	(\$/month)										
Outdoor Gas Light - Rate GL											
up to 2.5 CF/Hr	14.00	N/A				includes gas					
2.6 to 4.5 CF/Hr	22.00	N/A				includes gas					

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2015 Consumers will pay the Energy Efficiency Program Surcharge per U-17601

Note 3: Interim Rate Increase per U-17643

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										January 1, 2015	
	Customer Charge	IRM Surcharge	UETM Surcharge	EO Surcharge	UETM Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
		See note 1	see note 5	see note 3	see note 6		see note 4				
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales								From Utility			
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01777		+	0.24942	+	0.02600	+	0.49700 = 0.79019
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01427		+	0.24942	+	0.02600	+	0.49700 = 0.78669
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01427		+	0.24942	+	0.02600	+	0.49700 = 0.78669
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01777		+	0.24942	+		+	0.49700 = 0.76419
Customer Choice								From Others			
alternative suppliers	(see above)					(see above)	+	0.02600	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales								From Utility			
Rate GS-1	26.20	2.59	0.00	0.1427		+	2.4821	+	0.26000	+	4.9700 = 7.8548
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1427		+	1.9995	+	0.26000	+	4.9700 = 7.3722
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0135		+	1.9995	+	0.26000	+	4.9700 = 7.2430
Rate S	200.00	28.88	0.00	0.1427		+	1.5968	+	0.26000	+	4.9700 = 6.9695
Customer Choice								From Others			
alternative suppliers	(see above)					(see above)				per contract	
Transportation								From Others			
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0135			0.7959			per contract	
Maximum (optional)	2030.00	116.52	0.00	0.0135						per contract	
Minimum (optional)	2030.00	116.52	0.00	0.0135						per contract	
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0135			0.6001			per contract	
Maximum (optional)	3660.00	500.00	0.00	0.0135			0.9702			per contract	
Minimum (optional)	3660.00	500.00	0.00	0.0135			0.2300			per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0135			0.5068			per contract	
Maximum (optional)	9100.00	500.00	0.00	0.0135			0.8336			per contract	
Minimum (optional)	9100.00	500.00	0.00	0.0135			0.1800			per contract	
Rate XXL (cost based rate)	120000.00	500.00	0.00	0.0135	0		0.1652			per contract	
Maximum (optional)	120000.00	500.00	0.00	0.0135			0.8336			per contract	
Minimum (optional)	120000.00	500.00	0.00	0.0135			0.0500			per contract	
EUT Exploratory Program				0.0069							
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge							10.0000				
Load Balancing Storage Charge							0.25/MMBtu				
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2015 Customers will pay the EO surcharge approved in U-17608. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214 Note 6: Effective September, 2014, XXL customers are subject to the UETM surcharge/credit per U-17214 Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.									
									January 1, 2015
	Customer Charge	EO Charge	UETM Adjustment	UETM	RDM Adjustment	RDM	Distribution Charge		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	see note 1	see note 3	see note 5	see note 4	see note 6	(volumetric charges in \$/Ccf metered)		
Sales								Gas Costs From Utility	
Residential Service	12.00	0.01624	0.000000	-0.005223	0.000000	-0.008868	0.15945	+(0.45000	+ 0.04691 = 0.49691)= 0.65851
Residential Multi-Family									
Meter Class I	12.00	0.01624	0.000000	-0.003406	0.000000	0.010161	0.12243	+(0.45000	+ 0.04691 = 0.49691)= 0.64234
Gas Light Rate-Residential							0.15945	+(0.45000	+ 0.04691 = 0.49691)= 0.65636
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.00000	-0.000514	(see above)	(see above)		From Others	Reservation Charge
								+ per contract	+ 0.04691
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)		
Sales								Gas Costs From Utility	
Small General Service	33.00	3.74	0.00000	-0.05023	0.00000	0.10161	1.59450	+(4.5000	+ 0.4691 = 4.9691)= 6.56360
Large General Service	400.00	146.57	0.00000	-0.03612			1.03220	+(4.5000	+ 0.4691 = 4.9691)= 6.00130
Gas Light Rate-Commercial		9.86					1.59450	+(4.5000	+ 0.4691 = 4.9691)= 6.56360
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)						From Others	Reservation Charge
								+ per contract	+ 0.46910
	Customer Charge	EO Charge	Additional Meters	UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)		
Transportation		\$/mo		see note 3	see note 5		(volumetric charges in \$/Mcf metered)		
TR-1	850.00	40.03	890	0.00000	-0.02249	0.7777	0.6277		
TR-2	2,250.00	125.23	2,375	0.00000	-0.01013	0.4796	0.3296		
TR-3	3,050.00	414.47	3,464	0.00000	-0.00534	0.4651	0.3151		
<p>Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609</p> <p>Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.</p> <p>Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222</p> <p>Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221</p> <p>Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548</p> <p>Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547</p> <p>Customer Attachment Program Rates at michigangasutilities.com Understanding your bill at michigangasutilities.com Rate Books</p>									

SEMCO ENERGY GAS COMPANY

January 1, 2015

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
		see note 2		see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01496	0.17342	+(0.53169	+ 0.06731	= 0.59900	)=	0.78738
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	0.951	1.8203	+(5.31690	+ 0.6731	+ 5.9900	)=	8.76130
	(>9 Dth)			0.0001	1.8203	5.31690	0.6731	5.9900		7.81040
General Service (GS-2)	(0-9 Dth)	35.00	5.91	0.951	1.3932	+(5.31690	+ 0.6731	+ 5.9900	)=	8.33420
	(>9 Dth)			0.0001	1.3932	5.31690	0.6731	5.9900		7.38330
General Service (GS-3)	(0-9 Dth)	105.00	28.03	0.951	1.0985	+(5.31690	+ 0.6731	+ 5.9900	)=	8.03950
	(>9 Dth)			0.0001	1.0985	5.31690	0.6731	5.9900		7.08860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.67310			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0576	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0576	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0576	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17610.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2015

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.62242	= 0.72136
Seasonal	10.00	0.09894	+ 0.62242	= 0.72136
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 6.2242	= 7.0756
Small Seasonal	18.38	0.8514	+ 6.2242	= 7.0756
Large	102.21	0.6214	+ 6.2242	= 6.8456
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.63793	= 0.81143
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 6.3793	= 7.5593
Firm (304)	431.00	1.1800	+ 6.3793	= 7.5593
Interruptible (303)	130.00	0.5600	+ 6.3793	= 6.9393
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
Rate Information at xcelenergy.com

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See [AmeriGas rate book on MPSC gas rate book page](#)
See [AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	5.1767	5.5750	/Mcf U-17334
DTE Gas Company	<i>No Change</i>	4.9700	4.9700	/Mcf U-17332
Michigan Gas Utilities Corp	<i>No Change</i>	5.7471	5.7471	/Mcf U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17336
SEMCO Energy Gas Co	<i>No Change</i>	6.2500	6.4256	/Dth U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.9351	7.2508	/Dth U-17279
Xcel Energy	<i>No Change</i>	6.5077	6.6040	/Dth U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.5436	5.3789	5.1605	5.1413	5.1753	5.1767	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	5.5750	5.5750	5.5750	/Mcf
DTE Gas Company							
- As Currently Billed	4.2400	5.0300	4.9700	4.9700	4.9700	4.9700	/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	4.2400	5.0300	4.9700	4.9700	4.9700	4.9700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	5.7649	5.7471	5.7471	5.7471	5.7471	5.7471	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7649	5.7471	5.7471	5.7471	5.7471	5.7471	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	4.6140	4.6140	4.6140	5.4170	5.4170	5.4170	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.6140	4.6140	4.6140	5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	6.4751	6.4256	6.4256	6.4256	6.2500	6.2500	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4751	6.4256	6.4256	6.4256	6.4256	6.4256	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	5.6700	5.4360	5.4360	5.2020	5.4393	5.9351	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.6700	5.4360	5.4360	5.2020	7.2508	7.2508	/Dth
Xcel Energy							
- As Currently Billed	6.4435	6.4435	6.4435	6.5077	6.5077	6.5077	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	6.6040	6.6040	6.6040	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	10.50	0.28185	+ 0.51767	= 0.79952	\$90.45	0%
DTE Gas Company	11.38	0.29438	+ 0.49700	= 0.79138	\$90.52	0%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.57471	= 0.73631	\$85.63	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	23%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18838	+ 0.62500	= 0.81338	\$93.26	3%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.59351	= 0.69245	\$74.25	-18%
Xcel Energy	7.25	0.17350	+ 0.65077	= 0.82427	\$89.68	-1%
AVERAGE RATE	10.01	0.23615	+ 0.57148	= 0.70668	\$90.77	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2014

December 1, 2014

	Customer Charge	Reconciliation Surcharge	Energy Efficiency Charge	Distribution Charge	GCR Factor	Total Vol Charge			
		see note 3	see note 2						
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/ccf)					
Sales					From Utility				
Rate A	10.50	0.00000	+	0.02131	+	0.26054	0.51767	=	0.79952
Rate A-1 Residential Multi-Family	10.50	0.00	+	0.02131	+	0.26054	0.51767	=	0.79952
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)									
Customer Choice						From Others			
alternative suppliers	10.50			0.02131		0.26054			
							per contract		
							* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)					
Sales						From Utility			
General Service - Rate GS-1	11.65	0.0000	+	0.1428	+	2.17840	5.1767	=	7.4979
General Service - Rate GS-2	18.70	0.0000	+	0.1428	+	1.95900	5.1767	=	7.2785
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.0000	+	0.1428	+	1.01830	5.1767	=	6.3378
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0000	+	0.005	+	1.01830	5.1767	=	6.2000
Customer Choice						From Others			
alternative suppliers	(see above)			(see above)			per contract		
Transportation				(volumetric charges in \$/Mcf)		From Others			
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.0000		0.1428		0.8988			per contract
ST Optional Maximum Rate				0.1428		1.5676			per contract
ST Optional Minimum Rate				0.1428		0.2300			per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0000		0.005		0.8988			per contract
ST Optional Maximum Rate				0.005		1.5676			per contract
ST Optional Minimum Rate				0.005		0.2300			per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	-		0.1428		0.5859			per contract
LT Optional Maximum Rate				0.1428		0.9418			per contract
LT Optional Minimum Rate				0.1428		0.2300			per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	-		0.005		0.5859			per contract
LT Optional Maximum Rate				0.005		0.9418			per contract
LT Optional Minimum Rate				0.005		0.2300			per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	-		0.1428		0.4634			per contract
XLT Optional Maximum Rate				0.1428		0.7768			per contract
XLT Optional Minimum Rate				0.1428		0.1500			per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	-		0.005		0.4634			per contract
XLT Optional Maximum Rate				0.005		0.7768			per contract
XLT Optional Minimum Rate				0.005		0.1500			per contract
XLT Remote Meter Charge	70.00								per contract
OTHER	(\$/month)								
Outdoor Gas Light - Rate GL									
up to 2.5 CF/Hr	14.00	N/A				includes gas			
2.6 to 4.5 CF/Hr	22.00	N/A				includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17351

Note 3: Interim Residual Balances Reconciliation Surcharge effective on and after the November 2014 Billing Month per U-17505 ZEROED

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY										December 1, 2014			
	Customer Charge	IRM Surcharge	UETM Surcharge	EO Surcharge	UETM Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge				
		See note 1	see note 5	see note 3	see note 6		see note 4						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)							
Sales								From Utility					
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01896		+	0.24942	+	0.02600	+	0.49700	=	0.79138
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01473		+	0.24942	+	0.02600	+	0.49700	=	0.78715
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01473		+	0.24942	+	0.02600	+	0.49700	=	0.78715
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01896		+	0.24942	+		+	0.49700	=	0.76538
Customer Choice								From Others					
alternative suppliers	(see above)					(see above)	+	0.02600	+	per contract			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)							
Sales								From Utility					
Rate GS-1	26.20	2.59	0.00	0.1473		+	2.4821	+	0.26000	+	4.9700	=	7.8594
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1473		+	1.9995	+	0.26000	+	4.9700	=	7.3768
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0123		+	1.9995	+	0.26000	+	4.9700	=	7.2418
Rate S	200.00	28.88	0.00	0.1473		+	1.5968	+	0.26000	+	4.9700	=	6.9741
Customer Choice								From Others					
alternative suppliers	(see above)					(see above)		per contract					
Transportation								From Others					
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0123			0.7959			per contract			
Maximum (optional)	2030.00	116.52	0.00	0.0123			1.3618			per contract			
Minimum (optional)	2030.00	116.52	0.00	0.0123			0.2300			per contract			
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0123			0.6001			per contract			
Maximum (optional)	3660.00	500.00	0.00	0.0123			0.9702			per contract			
Minimum (optional)	3660.00	500.00	0.00	0.0123			0.2300			per contract			
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0123			0.5068			per contract			
Maximum (optional)	9100.00	500.00	0.00	0.0123			0.8336			per contract			
Minimum (optional)	9100.00	500.00	0.00	0.0123			0.1800			per contract			
Rate XXL (cost based rate)	120000.00	500.00	0.00	0.0123	0		0.1652			per contract			
Maximum (optional)	120000.00	500.00	0.00	0.0123			0.8336			per contract			
Minimum (optional)	120000.00	500.00	0.00	0.0123			0.0500			per contract			
EUT Exploratory Program				0.0057									
Rate XLT/XXLT-Remote Meter Charge	100.00												
Unauthorized Gas Usage Charge							10.0000						
Load Balancing Storage Charge							0.25/MMBtu						
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st													
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round													
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.													
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131													
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214													
Note 6: Effective September 1, 2014, XXLT customers are subject to the UETM surcharge/credit per U-17214													
Rates at utilities.dteenergy.com (PDF version)													
My.dteenergy.com for understanding your bill													
Rates Reference: see Rate Books for more details													

SEMCO ENERGY GAS COMPANY

December 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	0.42	0.01496	0.17342	+(0.55769	+ 0.06731	= 0.62500	)= 0.81338
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.06731		
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)			
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	0.94	0.951	1.8203	+(5.57690	+ 0.6731	+ 6.2500	)= 9.02130
	(>9 Dth)			0.0001	1.8203	5.57690	0.6731	6.2500	8.07040
General Service (GS-2)	(0-9 Dth)	35.00	5.91	0.951	1.3932	+(5.57690	+ 0.6731	+ 6.2500	)= 8.59420
	(>9 Dth)			0.0001	1.3932	5.57690	0.6731	6.2500	7.64330
General Service (GS-3)	(0-9 Dth)	105.00	28.03	0.951	1.0985	+(5.57690	+ 0.6731	+ 6.2500	)= 8.29950
	(>9 Dth)			0.0001	1.0985	5.57690	0.6731	6.2500	7.34860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.67310		
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge
		(\$/month)			(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth	\$/Dth
TR-1	(0-2500 Dth)	350.00	77.63	0.0576	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	399.06	0.0576	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0576	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER		(\$/month)							
Gas Light Service		7.00							

Note 1: Effective for bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17610.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.59351	= 0.69245
Seasonal	10.00	0.09894	+ 0.59351	= 0.69245
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 5.9351	= 6.7865
Small Seasonal	18.38	0.8514	+ 5.9351	= 6.7865
Large	102.21	0.6214	+ 5.9351	= 6.5565
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.65077	= 0.82427
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 6.5077	= 7.6877
Firm (304)	431.00	1.1800	+ 6.5077	= 7.6877
Interruptible (303)	130.00	0.5600	+ 6.5077	= 7.0677
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
Rate Information at xcelenergy.com

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

See [AmeriGas rate book on MPSC gas rate book page](#)
See [AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	5.1753	5.5750	/Mcf U-17334
DTE Gas Company	<i>No Change</i>	4.9700	4.9700	/Mcf U-17332
Michigan Gas Utilities Corp	<i>No Change</i>	5.7471	5.7471	/Mcf U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17336
SEMCO Energy Gas Co	<i>Decrease</i>	6.2500	6.4256	/Dth U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.4393	7.2508	/Dth U-17279
Xcel Energy	<i>No Change</i>	6.5077	6.6040	/Dth U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2014

Calendar Year of GCR Factors

	Jul-14 \$/unit	Aug-14 \$/unit	Sep-14 \$/unit	Oct-14 \$/unit	Nov-14 \$/unit	Dec-14 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.5436	5.3789	5.1605	5.1413	5.1753	/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	5.5750	5.5750	/Mcf
DTE Gas Company						
- As Currently Billed	4.2400	5.0300	4.9700	4.9700	4.9700	/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	4.2400	5.0300	4.9700	4.9700	4.9700	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	5.7649	5.7471	5.7471	5.7471	5.7471	/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7649	5.7471	5.7471	5.7471	5.7471	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.6140	4.6140	4.6140	5.4170	5.4170	/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.6140	4.6140	4.6140	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	6.4751	6.4256	6.4256	6.4256	6.2500	/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4751	6.4256	6.4256	6.4256	6.4256	/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6700	5.4360	5.4360	5.2020	5.4393	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.6700	5.4360	5.4360	5.2020	7.2508	/Dth
Xcel Energy						
- As Currently Billed	6.4435	6.4435	6.4435	6.5077	6.5077	/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	6.6040	6.6040	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28786	+ 0.51753	= 0.80539	\$91.04	1%
DTE Gas Company	11.38	0.29438	+ 0.49700	= 0.79138	\$90.52	0%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.57471	= 0.73631	\$85.63	-5%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	24%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18838	+ 0.62500	= 0.81338	\$93.26	3%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.54393	= 0.64287	\$69.29	-23%
Xcel Energy	7.25	0.17350	+ 0.65077	= 0.82427	\$89.68	-1%
AVERAGE RATE	10.01	0.23701	+ 0.56438	= 0.70121	\$90.15	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY										November 1, 2014	
	Customer Charge	IRM Surcharge	UETM Surcharge	EO Surcharge	UETM Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge		
		See note 1	see note 5	see note 3	see note 6		see note 4				
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales								From Utility			
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01896		+ 0.24942	+ 0.02600	+ 0.49700	=	0.79138	
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01473		+ 0.24942	+ 0.02600	+ 0.49700	=	0.78715	
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01473		+ 0.24942	+ 0.02600	+ 0.49700	=	0.78715	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01896		+ 0.24942	+	+ 0.49700	=	0.76538	
Customer Choice								From Others			
alternative suppliers	(see above)					(see above)	+ 0.02600	+ per contract			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales								From Utility			
Rate GS-1	26.20	2.59	0.00	0.1473		+ 2.4821	+ 0.26000	+ 4.9700	=	7.8594	
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1473		+ 1.9995	+ 0.26000	+ 4.9700	=	7.3768	
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0123		+ 1.9995	+ 0.26000	+ 4.9700	=	7.2418	
Rate S	200.00	28.88	0.00	0.1473		+ 1.5968	+ 0.26000	+ 4.9700	=	6.9741	
Customer Choice								From Others			
alternative suppliers	(see above)					(see above)		per contract			
Transportation								From Others			
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0123		0.7959		per contract			
Maximum (optional)	2030.00	116.52	0.00	0.0123		1.3618		per contract			
Minimum (optional)	2030.00	116.52	0.00	0.0123		0.2300		per contract			
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0123		0.6001		per contract			
Maximum (optional)	3660.00	500.00	0.00	0.0123		0.9702		per contract			
Minimum (optional)	3660.00	500.00	0.00	0.0123		0.2300		per contract			
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0123		0.5068		per contract			
Maximum (optional)	9100.00	500.00	0.00	0.0123		0.8336		per contract			
Minimum (optional)	9100.00	500.00	0.00	0.0123		0.1800		per contract			
Rate XXL (cost based rate)	120000.00	500.00	0.00	0.0123	0.073	0.1652		per contract			
Maximum (optional)	120000.00	500.00	0.00	0.0123		0.8336		per contract			
Minimum (optional)	120000.00	500.00	0.00	0.0123		0.0500		per contract			
EUT Exploratory Program				0.0057							
Rate XL T/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge						10.0000					
Load Balancing Storage Charge						0.25/MMBtu					
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.											
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131											
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214											
Note 6: Effective on and after September 1, 2014, XXL customers are subject to the UETM surcharge/credit per U-17214											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.

November 1, 2014

	Customer Charge	EO Charge	UETM Adjustment	UETM	RDM Adjustment	RDM	Distribution Charge					Total Vol Charge
		see note 1	see note 3	see note 5	see note 4	see note 6						
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)					
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	12.00	0.01624	0.000000	-0.005223	0.000000	-0.008868	0.15945	+(0.52780	+ 0.04691	= 0.57471	)=	0.73631
Residential Multi-Family												
<i>Meter Class I</i>	12.00	0.01624	0.000000	-0.003406	0.000000	0.010161	0.12243	+(0.52780	+ 0.04691	= 0.57471	)=	0.72014
Gas Light Rate-Residential							0.15945	+(0.52780	+ 0.04691	= 0.57471	)=	0.73416
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	0.00000	-0.000514	(see above)	(see above)		From Others	Reservation Charge			
								+ per contract	+ 0.04691			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)					
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	3.74	0.00000	-0.05023	0.00000	0.10161	1.59450	+(5.2780	+ 0.4691	= 5.7471	)=	7.34160
Large General Service	400.00	146.57	0.00000	-0.03612			1.03220	+(5.2780	+ 0.4691	= 5.7471	)=	6.77930
Gas Light Rate-Commercial		9.86					1.59450	+(5.2780	+ 0.4691	= 5.7471	)=	7.34160
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)						From Others	Reservation Charge			
								+ per contract	+ 0.46910			
	Customer Charge	EO Charge	Additional Meters		UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
					see note 3	see note 5						
Transportation		\$/mo					(volumetric charges in \$/Mcf metered)					
TR-1	850.00	40.03	890		0.00000	-0.02249	0.7777	0.6277				
TR-2	2,250.00	125.23	2,375		0.00000	-0.01013	0.4796	0.3296				
TR-3	3,050.00	414.47	3,464		0.00000	-0.00534	0.4651	0.3151				

Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

November 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
		see note 2		see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.01496	0.17342	+(0.55769	+ 0.06731	= 0.62500	)=	0.81338
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	0.951	1.8203	+(5.57690	+ 0.6731	+ 6.2500	)=	9.02130
	(>9 Dth)			0.0001	1.8203	5.57690	0.6731	6.2500		8.07040
General Service (GS-2)	(0-9 Dth)	35.00	5.91	0.951	1.3932	+(5.57690	+ 0.6731	+ 6.2500	)=	8.59420
	(>9 Dth)			0.0001	1.3932	5.57690	0.6731	6.2500		7.64330
General Service (GS-3)	(0-9 Dth)	105.00	28.03	0.951	1.0985	+(5.57690	+ 0.6731	+ 6.2500	)=	8.29950
	(>9 Dth)			0.0001	1.0985	5.57690	0.6731	6.2500		7.34860
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	From Others	Balancing and Demand Charge			
						+ per contract	+ 0.67310			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0576	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0576	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0576	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17610.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.54393	= 0.64287
Seasonal	10.00	0.09894	+ 0.54393	= 0.64287
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 5.4393	= 6.2907
Small Seasonal	18.38	0.8514	+ 5.4393	= 6.2907
Large	102.21	0.6214	+ 5.4393	= 6.0607
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.65077	= 0.82427
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 6.5077	= 7.6877
Firm (304)	431.00	1.1800	+ 6.5077	= 7.6877
Interruptible (303)	130.00	0.5600	+ 6.5077	= 7.0677
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](http://Rate%20Information%20at%20xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	70.00	0.0230

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	5.1413	5.5750 /Mcf	U-17334
DTE Gas Company	<i>No Change</i>	4.9700	4.9700 /Mcf	U-17332
Michigan Gas Utilities Corp	<i>No Change</i>	5.7471	5.7471 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>Increase</i>	5.4170	5.4170 /Mcf	U-17336
SEMCO Energy Gas Co	<i>No Change</i>	6.4256	6.4256 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.2020	5.2020 /Dth	U-17279
Xcel Energy	<i>Increase</i>	6.5077	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or as Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2014

Calendar Year of GCR Factors

	Jul-14 \$/unit	Aug-14 \$/unit	Sep-14 \$/unit	Oct-14 \$/unit	Nov-14 \$/unit	Dec-14 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.5436	5.3789	5.1605	5.1413		/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750	5.5750		/Mcf
DTE Gas Company						
- As Currently Billed	4.2400	5.0300	4.9700	4.9700		/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	4.2400	5.0300	4.9700	4.9700		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	5.7649	5.7471	5.7471	5.7471		/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7649	5.7471	5.7471	5.7471		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.6140	4.6140	4.6140	5.4170		/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.6140	4.6140	4.6140	5.4170		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	6.4751	6.4256	6.4256	6.4256		/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4751	6.4256	6.4256	6.4256		/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6700	5.4360	5.4360	5.2020		/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.6700	5.4360	5.4360	5.2020		/Dth
Xcel Energy						
- As Currently Billed	6.4435	6.4435	6.4435	6.5077		/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040	6.6040		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	10.50	0.28185	+ 0.51413	= 0.79598	\$90.10	0%
DTE Gas Company	11.38	0.29438	+ 0.49700	= 0.79138	\$90.52	1%
Michigan Gas Utilities Corp	12.00	0.16160	+ 0.57471	= 0.73631	\$85.63	-5%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	24%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18838	+ 0.64256	= 0.83094	\$95.01	6%
Wisconsin Public Service Corp	5.00	0.09894	+ 0.52020	= 0.61914	\$66.91	-26%
Xcel Energy	7.25	0.17350	+ 0.65077	= 0.82427	\$89.68	0%
AVERAGE RATE	10.01	0.23615	+ 0.56301	= 0.69926	\$89.92	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2014

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/ccf)		
Sales				From Utility		
Rate A	10.50	0.02131	+	0.26054	0.51413	= 0.79598
Rate A-1 Residential Multi-Family	10.50	0.02131	+	0.26054	0.51413	= 0.79598
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice				From Others		
alternative suppliers	10.50	0.02131		0.26054	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
General Service - Rate GS-1	11.65	0.1428	+	2.17840	5.1413	= 7.4625
General Service - Rate GS-2	18.70	0.1428	+	1.95900	5.1413	= 7.2431
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1428	+	1.01830	5.1413	= 6.3024
General Service - Rate GS-3 (>100,000 Year)	543.90	0.005	+	1.01830	5.1413	= 6.1646
Customer Choice				From Others		
alternative suppliers	(see above)	(see above)		per contract		
Transportation				From Others		
				(volumetric charges in \$/Mcf)		
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1428		0.8988	per contract	
ST Optional Maximum Rate		0.1428		1.5676	per contract	
ST Optional Minimum Rate		0.1428		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.005		0.8988	per contract	
ST Optional Maximum Rate		0.005		1.5676	per contract	
ST Optional Minimum Rate		0.005		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1428		0.5859	per contract	
LT Optional Maximum Rate		0.1428		0.9418	per contract	
LT Optional Minimum Rate		0.1428		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.005		0.5859	per contract	
LT Optional Maximum Rate		0.005		0.9418	per contract	
LT Optional Minimum Rate		0.005		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1428		0.4634	per contract	
XLT Optional Maximum Rate		0.1428		0.7768	per contract	
XLT Optional Minimum Rate		0.1428		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.005		0.4634	per contract	
XLT Optional Maximum Rate		0.005		0.7768	per contract	
XLT Optional Minimum Rate		0.005		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17351

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									
October 1, 2014									
	Customer Charge	IRM Surcharge	UETM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
		See note 1	see note 5	see note 3		see note 4			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Ccf metered)			
Sales							From Utility		
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.00	0.01896	0.24942	+	0.02600	+	0.49700 = 0.79138
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.00	0.01473	0.24942	+	0.02600	+	0.49700 = 0.78715
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.00	0.01473	0.24942	+	0.02600	+	0.49700 = 0.78715
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.00	0.01896	0.24942	+		+	0.49700 = 0.76538
Customer Choice							From Others		
<u>alternative suppliers</u>	(see above)				(see above)	+	0.02600	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Mcf metered)			
Sales							From Utility		
Rate GS-1	26.20	2.59	0.00	0.1473	2.4821	+	0.26000	+	4.9700 = 7.8594
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.00	0.1473	1.9995	+	0.26000	+	4.9700 = 7.3768
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.00	0.0123	1.9995	+	0.26000	+	4.9700 = 7.2418
Rate S	200.00	28.88	0.00	0.1473	1.5968	+	0.26000	+	4.9700 = 6.9741
Customer Choice							From Others		
<u>alternative suppliers</u>	(see above)				(see above)				per contract
Transportation							From Others		
Rate ST (cost based rate)	2030.00	116.52	0.00	0.0123	0.7959				per contract
Maximum (optional)	2030.00	116.52	0.00	0.0123	1.3618				per contract
Minimum (optional)	2030.00	116.52	0.00	0.0123	0.2300				per contract
Rate LT (cost based rate)	3660.00	500.00	0.00	0.0123	0.6001				per contract
Maximum (optional)	3660.00	500.00	0.00	0.0123	0.9702				per contract
Minimum (optional)	3660.00	500.00	0.00	0.0123	0.2300				per contract
Rate XLT (cost based rate)	9100.00	500.00	0.00	0.0123	0.5068				per contract
Maximum (optional)	9100.00	500.00	0.00	0.0123	0.8336				per contract
Minimum (optional)	9100.00	500.00	0.00	0.0123	0.1800				per contract
Rate XXLT (cost based rate)	120000.00	500.00	0.00	0.0123	0.1652				per contract
Maximum (optional)	120000.00	500.00	0.00	0.0123	0.8336				per contract
Minimum (optional)	120000.00	500.00	0.00	0.0123	0.0500				per contract
EUT Exploratory Program				0.0057					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge					10.0000				
Load Balancing Storage Charge					0.25/MMBtu				
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st									
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round									
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131									
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books							for more details

MICHIGAN GAS UTILITIES CORP.

October 1, 2014

	Customer Charge	EO Charge	UETM Adjustment	UETM Adjustment	RDM Adjustment	RDM Adjustment	Distribution Charge				Total Vol Charge
		see note 1	see note 3	see note 5	see note 4	see note 6					
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01624	0.000000	-0.005223	0.000000	-0.008868	0.15945	+(0.52780	+ 0.04691	= 0.57471	)= 0.73631
Residential Multi-Family											
Meter Class I	12.00	0.01624	0.000000	-0.003406	0.000000	0.010161	0.12243	+(0.52780	+ 0.04691	= 0.57471	)= 0.72014
Gas Light Rate-Residential							0.15945	+(0.52780	+ 0.04691	= 0.57471	)= 0.73416
Customer Choice-Residential alternative suppliers	(see above)	(see above)	0.00000	-0.000514	(see above)	(see above)		From Others	Reservation Charge		
								+ per contract	+ 0.04691		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)				
Sales								Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	33.00	3.74	0.00000	-0.05023	0.00000	0.10161	1.59450	+(5.2780	+ 0.4691	= 5.7471	)= 7.34160
Large General Service	400.00	146.57	0.00000	-0.03612			1.03220	+(5.2780	+ 0.4691	= 5.7471	)= 6.77930
GasLight Rate-Commercial		9.86					1.59450	+(5.2780	+ 0.4691	= 5.7471	)= 7.34160
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)						From Others	Reservation Charge		
								+ per contract	+ 0.46910		
	Customer Charge	EO Charge	Additional Meters		UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
					see note 3	see note 5					
						(volumetric charges in \$/Mcf metered)					
Transportation		\$/mo									
TR-1	850.00	40.03	890		0.00000	-0.02249	0.7777	0.6277			
TR-2	2,250.00	125.23	2,375		0.00000	-0.01013	0.4796	0.3296			
TR-3	3,050.00	414.47	3,464		0.00000	-0.00534	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

Customer Attachment Program

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rate Books

SEMCO ENERGY GAS COMPANY

October 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	0.42	0.01496	0.17342	+(0.57525	+ 0.06731	= 0.64256	)= 0.83094
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.06731		
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	0.94	0.951	1.8203	+(5.75250	+ 0.6731	+ 6.4256	)= 9.19690
	(>9 Dth)			0.0001	1.8203	5.75250	0.6731	6.4256	8.24600
General Service (GS-2)	(0-9 Dth)	35.00	5.91	0.951	1.3932	+(5.75250	+ 0.6731	+ 6.4256	)= 8.76980
	(>9 Dth)			0.0001	1.3932	5.75250	0.6731	6.4256	7.81890
General Service (GS-3)	(0-9 Dth)	105.00	28.03	0.951	1.0985	+(5.75250	+ 0.6731	+ 6.4256	)= 8.47510
	(>9 Dth)			0.0001	1.0985	5.75250	0.6731	6.4256	7.52420
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.67310		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	77.63	0.0576	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	399.06	0.0576	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0576	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER		(\$/month)							
Gas Light Service		7.00							

Note 1: Effective for bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17610.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09894	+ 0.52020	= 0.61914
Seasonal	10.00	0.09894	+ 0.52020	= 0.61914
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.19	0.8514	+ 5.2020	= 6.0534
Small Seasonal	18.38	0.8514	+ 5.2020	= 6.0534
Large	102.21	0.6214	+ 5.2020	= 5.8234
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17350	+ 0.65077	= 0.82427
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	20.00	1.1800	+ 6.5077	= 7.6877
Firm (304)	431.00	1.1800	+ 6.5077	= 7.6877
Interruptible (303)	130.00	0.5600	+ 6.5077	= 7.0677
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	74.00	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more detailsRate Information at xcelenergy.com

Note 1: Effective for (XCEL) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17604, for (WPSC) bills rendered on and after October 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17606

AMERIGAS EAGLE PROPANE L.P.See [AmeriGas rate book on MPSC gas rate book page](#)See [AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	5.1605	5.5750 /Mcf	U-17334
DTE Gas Company	<i>Decrease</i>	4.9700	4.9700 /Mcf	U-17332
Michigan Gas Utilities Corp	<i>No Change</i>	5.7471	5.7471 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	4.6140	4.6140 /Mcf	U-17336
SEMCO Energy Gas Co	<i>No Change</i>	6.4256	6.4256 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>No Change</i>	5.4360	5.4360 /Dth	U-17279
Xcel Energy	<i>No Change</i>	6.4435	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2014

Calendar Year of GCR Factors

	Jul-14 \$/unit	Aug-14 \$/unit	Sep-14 \$/unit	Oct-14 \$/unit	Nov-14 \$/unit	Dec-14 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.5436	5.3789	5.1605			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750	5.5750			/Mcf
DTE Gas Company						
- As Currently Billed	4.2400	5.0300	4.9700			/Mcf
<u>-U-17332 - As Filed or As Ordered</u>	4.2400	5.0300	4.9700			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	5.7649	5.7471	5.7471			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7649	5.7471	5.7471			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.6140	4.6140	4.6140			/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.6140	4.6140	4.6140			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	6.4751	6.4256	6.4256			/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4751	6.4256	6.4256			/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6700	5.4360	5.4360			/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.6700	5.4360	5.4360			/Dth
Xcel Energy						
- As Currently Billed	6.4435	6.4435	6.4435			/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040	6.6040			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28185	+ 0.51605	= 0.79790	\$90.29	1%
DTE Gas Company	11.38	0.29438	+ 0.49700	= 0.79138	\$90.52	2%
Michigan Gas Utilities Corp	12.00	0.15731	+ 0.57471	= 0.73202	\$85.20	-4%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4614	= 0.91580	\$103.58	16%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.64256	= 0.83118	\$95.04	7%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.54360	= 0.64044	\$69.04	-22%
Xcel Energy	7.25	0.17700	+ 0.64435	= 0.82135	\$89.39	0%
AVERAGE RATE	10.01	0.23577	+ 0.55424	= 0.69126	\$89.01	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2014

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/ccf)		
Sales				From Utility		
Rate A	10.50	0.02131	+	0.26054	0.51605	= 0.79790
Rate A-1 Residential Multi-Family	10.50	0.02131	+	0.26054	0.51605	= 0.79790
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice				From Others		
alternative suppliers	10.50	0.02131		0.26054	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
General Service - Rate GS-1	11.65	0.1428	+	2.17840	5.1605	= 7.4817
General Service - Rate GS-2	18.70	0.1428	+	1.95900	5.1605	= 7.2623
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1428	+	1.01830	5.1605	= 6.3216
General Service - Rate GS-3 (>100,000 Year)	543.90	0.005	+	1.01830	5.1605	= 6.1838
Customer Choice				From Others		
alternative suppliers	(see above)	(see above)		per contract		
Transportation				From Others		
				(volumetric charges in \$/Mcf)		
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1428		0.8988	per contract	
ST Optional Maximum Rate		0.1428		1.5676	per contract	
ST Optional Minimum Rate		0.1428		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.005		0.8988	per contract	
ST Optional Maximum Rate		0.005		1.5676	per contract	
ST Optional Minimum Rate		0.005		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1428		0.5859	per contract	
LT Optional Maximum Rate		0.1428		0.9418	per contract	
LT Optional Minimum Rate		0.1428		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.005		0.5859	per contract	
LT Optional Maximum Rate		0.005		0.9418	per contract	
LT Optional Minimum Rate		0.005		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1428		0.4634	per contract	
XLT Optional Maximum Rate		0.1428		0.7768	per contract	
XLT Optional Minimum Rate		0.1428		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.005		0.4634	per contract	
XLT Optional Maximum Rate		0.005		0.7768	per contract	
XLT Optional Minimum Rate		0.005		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17351

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									
September 1, 2014									
	Customer Charge	IRM Surcharge	UETM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
	See note 1	see note 5	see note 3		see note 4				
RESIDENTIAL SERVICE									
	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales							From Utility		
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	1.13	0.01896	0.24942	+	0.02600	+	0.49700 = 0.79138
Residential Multi Family Rate 2A Class 1	10.50	3.79	1.74	0.01473	0.24942	+	0.02600	+	0.49700 = 0.78715
Residential Multi Family Rate 2A Class 2	26.20	3.79	-2.82	0.01473	0.24942	+	0.02600	+	0.49700 = 0.78715
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	1.13	0.01896	0.24942	+		+	0.49700 = 0.76538
Customer Choice							From Others		
alternative suppliers	(see above)				(see above)	+	0.02600	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales							From Utility		
Rate GS-1	26.20	2.59	6.80	0.1473	2.4821	+	0.26000	+	4.9700 = 7.8594
Rate GS-2 (<100,000 Mcf)	590.00	2.59	-422.00	0.1473	1.9995	+	0.26000	+	4.9700 = 7.3768
Rate GS-2 (>100,000 Mcf)	590.00	2.59	-422.00	0.0123	1.9995	+	0.26000	+	4.9700 = 7.2418
Rate S	200.00	28.88	215.00	0.1473	1.5968	+	0.26000	+	4.9700 = 6.9741
Customer Choice							From Others		
alternative suppliers	(see above)				(see above)				per contract
Transportation							From Others		
Rate ST (cost based rate)	2030.00	116.52	-120.00	0.0123	0.7959				per contract
Maximum (optional)	2030.00	116.52	-120.00	0.0123	1.3618				per contract
Minimum (optional)	2030.00	116.52	-120.00	0.0123	0.2300				per contract
Rate LT (cost based rate)	3660.00	500.00	-750.00	0.0123	0.6001				per contract
Maximum (optional)	3660.00	500.00	-750.00	0.0123	0.9702				per contract
Minimum (optional)	3660.00	500.00	-750.00	0.0123	0.2300				per contract
Rate XLT (cost based rate)	9100.00	500.00	-7800.00	0.0123	0.5068				per contract
Maximum (optional)	9100.00	500.00	-7800.00	0.0123	0.8336				per contract
Minimum (optional)	9100.00	500.00	-7800.00	0.0123	0.1800				per contract
Rate XXLT (cost based rate)	120000.00	500.00	95900.00	0.0123	0.1652				per contract
Maximum (optional)	120000.00	500.00	95900.00	0.0123	0.8336				per contract
Minimum (optional)	120000.00	500.00	95900.00	0.0123	0.0500				per contract
EUT Exploratory Program				0.0057					
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge					10.0000				
Load Balancing Storage Charge					0.25/MMBtu				
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st									
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round									
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.									
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131									
Note 5: Effective September, 2014, customers are subject to the UETM surcharge/credit per U-17214									
Rates at utilities.dteenergy.com (PDF version)									
My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books							for more details

MICHIGAN GAS UTILITIES CORP.									
									September 1, 2014
	Customer Charge	EO Charge	UETM Adjustment	UETM Adjustment	RDM Adjustment	RDM Adjustment	Distribution Charge		Total Vol Charge
		see note 1	see note 3	see note 5	see note 4	see note 6			
RESIDENTIAL SERVICE	(\$/month)						(volumetric charges in \$/Ccf metered)		
Sales								Gas Costs From Utility	Reservation Charge
Residential Service	12.00	0.01624	-0.003044	-0.005223	-0.001248	-0.008868	0.15945	+(0.52780	+ 0.04691
Residential Multi-Family								= 5.7471	= 0.57471
Meter Class I	12.00	0.01624	-0.001979	-0.003406	0.019584	0.010161	0.12243	+(0.52780	+ 0.04691
Gas Light Rate-Residential							0.15945	+(0.52780	+ 0.04691
								= 5.7471	= 0.57471
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.32800	-0.000514	(see above)	(see above)		From Others	Reservation Charge
								+ per contract	+ 0.04691
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)						(volumetric charges in \$/Mcf metered)		
Sales								Gas Costs From Utility	Reservation Charge
Small General Service	33.00	3.74	-0.02983	-0.05023	1.95840	0.10161	1.59450	+(5.2780	+ 0.4691
Large General Service	400.00	146.57	-0.02195	-0.03612			1.03220	+(5.2780	+ 0.4691
Gas Light Rate-Commercial		9.86					1.59450	+(5.2780	+ 0.4691
								= 5.7471	= 5.7471
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)						From Others	Reservation Charge
								+ per contract	+ 0.46910
	Customer Charge	EO Charge	Additional Meters		UETM Adjustment	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)	
					see note 3	see note 5			
Transportation		\$/mo					(volumetric charges in \$/Mcf metered)		
TR-1	850.00	40.03	890		-0.01381	-0.02249	0.7777	0.6277	
TR-2	2,250.00	125.23	2,375		-0.00622	-0.01013	0.4796	0.3296	
TR-3	3,050.00	414.47	3,464		-0.00328	-0.00534	0.4651	0.3151	

Note 1: Effective for bills rendered on and after August 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17609

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

Note 5: Effective for service rendered on September 1, 2014 through August 31, 2015. Uncollectible Expense Tracking Mechanism adjustment per U-17548

Note 6: Effective for service rendered on September 1, 2014 through August 31, 2015. Revenue Decoupling Mechanism adjustment per U-17547

[Customer Attachment Program](#)
[Rates at michigangasutilities.com](#)
[Understanding your bill at michigangasutilities.com](#)
[Rate Books](#)

SEMCO ENERGY GAS COMPANY

September 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
		see note 2		see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.57525	+ 0.06731	= 0.64256	)=	0.83118
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						per contract		+ 0.06731		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(5.75250	+ 0.6731	+ 6.4256	)=	9.24830
	(>9 Dth)			0.0001	1.8203	5.75250	0.6731	6.4256		8.24600
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(5.75250	+ 0.6731	+ 6.4256	)=	8.82120
	(>9 Dth)			0.0001	1.3932	5.75250	0.6731	6.4256		7.81890
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(5.75250	+ 0.6731	+ 6.4256	)=	8.52650
	(>9 Dth)			0.0001	1.0985	5.75250	0.6731	6.4256		7.52420
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge			
						per contract		+ 0.67310		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.54360	= 0.64044
Seasonal	10.00	0.09684	+ 0.54360	= 0.64044
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.4360	= 6.2874
Small Seasonal	19.04	0.8514	+ 5.4360	= 6.2874
Large	102.29	0.6214	+ 5.4360	= 6.0574
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4614	0.9158
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.6140	7.8170
Large	188.00	2.3360	4.6140	6.9500

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17700	+ 0.64435	= 0.82135
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	21.02	1.1800	+ 6.4435	= 7.6235
Firm (304)	484.79	1.1800	+ 6.4435	= 7.6235
Interruptible (303)	161.39	0.5600	+ 6.4435	= 7.0035
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.02	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	5.3789	5.5750 /Mcf	U-17334
DTE Gas Company	<i>Increase</i>	5.0300	5.0300 /Mcf	U-17131
Michigan Gas Utilities Corp	<i>Decrease</i>	5.7471	5.7471 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	4.6140	4.6140 /Mcf	U-17336
SEMCO Energy Gas Co	<i>Decrease</i>	6.4256	6.4256 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.4360	5.4360 /Dth	U-17279
Xcel Energy	<i>No Change</i>	6.4435	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2014

Calendar Year of GCR Factors

	Jul-14 \$/unit	Aug-14 \$/unit	Sep-14 \$/unit	Oct-14 \$/unit	Nov-14 \$/unit	Dec-14 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.5436	5.3789				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750	5.5750				/Mcf
DTE Gas Company						
- As Currently Billed	4.2400	5.0300				/Mcf
<u>-U-17322 - As Filed or As Ordered</u>	4.2400	5.0300				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	5.7649	5.7471				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7649	5.7471				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.6140	4.6140				/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.6140	4.6140				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	6.4751	6.4256				/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4751	6.4256				/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6700	5.4360				/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.6700	5.4360				/Dth
Xcel Energy						
- As Currently Billed	6.4435	6.4435				/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040	6.6040				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.18091	+ 0.53789	= 0.71880	\$82.38	-7%
DTE Gas Company	11.38	0.29438	+ 0.50300	= 0.79738	\$91.12	3%
Michigan Gas Utilities Corp	12.00	0.17140	+ 0.57471	= 0.74611	\$86.61	-2%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4614	= 0.91580	\$103.58	17%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.64256	= 0.83118	\$95.04	8%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.54360	= 0.64044	\$69.04	-22%
Xcel Energy	7.25	0.17700	+ 0.64435	= 0.82135	\$89.39	1%
AVERAGE RATE	10.01	0.22336	+ 0.55822	= 0.68388	\$88.17	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2014

	U-16860 PRDM Customer Charge	U-16855 RBRS Residual Charge	Energy Efficiency Charge	U-17082 PRDM Residual Charge	Distribution Charge	GCR Factor	Total Vol Charge
			see note 2	see note 3			
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/ccf)		
Sales						From Utility	
Rate A	10.50	-0.01	-0.02	0.02131	+ -0.10094 + 0.26054	0.53789	= 0.71880
Rate A-1 Residential Multi-Family	10.50	-0.01		0.02131	+ -0.10094 + 0.26054	0.53789	= 0.71880
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)							
Customer Choice						From Others	
alternative suppliers	10.50	-0.01		0.02131	-0.10094 + 0.26054	per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf)		
Sales						From Utility	
General Service - Rate GS-1	11.65	-0.11		0.1428	+ -0.02270 + 2.17840	5.3789	= 7.6774
General Service - Rate GS-2	18.70	-0.11		0.1428	+ -0.02270 + 1.95900	5.3789	= 7.4580
General Service - Rate GS-3 (0-100,000 Year)	543.90	-0.11		0.1428	+ -0.02270 + 1.01830	5.3789	= 6.5173
General Service - Rate GS-3 (>100,000 Year)	543.90	-0.11		0.005	+ -0.02270 + 1.01830	5.3789	= 6.3795
Customer Choice						From Others	
alternative suppliers	(see above)				(see above)	per contract	
Transportation					(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60			0.1428	0.0317 0.8988	per contract	
ST Optional Maximum Rate				0.1428	0.0317 1.5676	per contract	
ST Optional Minimum Rate				0.1428	0.0317 0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60			0.005	0.0317 0.8988	per contract	
ST Optional Maximum Rate				0.005	0.0317 1.5676	per contract	
ST Optional Minimum Rate				0.005	0.0317 0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20			0.1428	0.0317 0.5859	per contract	
LT Optional Maximum Rate				0.1428	0.0317 0.9418	per contract	
LT Optional Minimum Rate				0.1428	0.0317 0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20			0.005	0.0317 0.5859	per contract	
LT Optional Maximum Rate				0.005	0.0317 0.9418	per contract	
LT Optional Minimum Rate				0.005	0.0317 0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40			0.1428	0.0317 0.4634	per contract	
XLT Optional Maximum Rate				0.1428	0.0317 0.7768	per contract	
XLT Optional Minimum Rate				0.1428	0.0317 0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40			0.005	0.0317 0.4634	per contract	
XLT Optional Maximum Rate				0.005	0.0317 0.7768	per contract	
XLT Optional Minimum Rate				0.005	0.0317 0.1500	per contract	
XLT Remote Meter Charge	70.00					per contract	
OTHER	(\$/month)						
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	14.00					includes gas	
2.6 to 4.5 CF/Hr	22.00					includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17351

Note 3: Effective for bills rendered in August, 2014 customers will be subject to reconciliation surcharges related to U-16860, U-16855, and U-17082

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							August 1, 2014	
	Customer Charge	IRM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
	See note 1		see note 3	see note 4				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)				
Sales						From Utility		
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88	0.01896	0.24942	+	0.02600	= 0.79738	
Residential Multi Family Rate 2A Class 1	10.50	3.79	0.01473	0.24942	+	0.02600	= 0.79315	
Residential Multi Family Rate 2A Class 2	26.20	3.79	0.01473	0.24942	+	0.02600	= 0.79315	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88	0.01896	0.24942	+	0.02600	= 0.77138	
Customer Choice						From Others		
<u>alternative suppliers</u>	(see above)			(see above)	+	0.02600	= per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales						From Utility		
Rate GS-1	26.20	2.59	0.1473	2.4821	+	0.26000	= 7.9194	
Rate GS-2 (<100,000 Mcf)	590.00	2.59	0.1473	1.9995	+	0.26000	= 7.4368	
Rate GS-2 (>100,000 Mcf)	590.00	2.59	0.0123	1.9995	+	0.26000	= 7.3018	
Rate S	200.00	28.88	0.1473	1.5968	+	0.26000	= 7.0341	
Customer Choice						From Others		
<u>alternative suppliers</u>	(see above)			(see above)			= per contract	
Transportation						From Others		
Rate ST (cost based rate)	2030.00	116.52	0.0123	0.7959			= per contract	
Maximum (optional)	2030.00	116.52	0.0123	1.3618			= per contract	
Minimum (optional)	2030.00	116.52	0.0123	0.2300			= per contract	
Rate LT (cost based rate)	3660.00	500.00	0.0123	0.6001			= per contract	
Maximum (optional)	3660.00	500.00	0.0123	0.9702			= per contract	
Minimum (optional)	3660.00	500.00	0.0123	0.2300			= per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0123	0.5068			= per contract	
Maximum (optional)	9100.00	500.00	0.0123	0.8336			= per contract	
Minimum (optional)	9100.00	500.00	0.0123	0.1800			= per contract	
Rate XXLT (cost based rate)	120000.00	500.00	0.0123	0.1652			= per contract	
Maximum (optional)	120000.00	500.00	0.0123	0.8336			= per contract	
Minimum (optional)	120000.00	500.00	0.0123	0.0500			= per contract	
EUT Exploratory Program			0.0057					
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge				10.0000				
Load Balancing Storage Charge				0.25/MMBtu				
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st								
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round								
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.								
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131								
Rates at utilities.dteenergy.com (PDF version)								
My.dteenergy.com for understanding your bill								
Rates Reference:	see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

August 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.57525	+ 0.06731	=	0.64256	)= 0.83118
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(5.75250	+ 0.6731	+ 6.4256	)=	9.24830
	(>9 Dth)			0.0001	1.8203	5.75250	0.6731	6.4256		8.24600
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(5.75250	+ 0.6731	+ 6.4256	)=	8.82120
	(>9 Dth)			0.0001	1.3932	5.75250	0.6731	6.4256		7.81890
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(5.75250	+ 0.6731	+ 6.4256	)=	8.52650
	(>9 Dth)			0.0001	1.0985	5.75250	0.6731	6.4256		7.52420
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge			
						per contract	+ 0.67310			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.54360	= 0.64044
Seasonal	10.00	0.09684	+ 0.54360	= 0.64044
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.4360	= 6.2874
Small Seasonal	19.04	0.8514	+ 5.4360	= 6.2874
Large	102.29	0.6214	+ 5.4360	= 6.0574
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4614	0.9158
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.6140	7.8170
Large	188.00	2.3360	4.6140	6.9500

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17700	+ 0.64435	= 0.82135
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	21.02	1.1800	+ 6.4435	= 7.6235
Firm (304)	484.79	1.1800	+ 6.4435	= 7.6235
Interruptible (303)	161.39	0.5600	+ 6.4435	= 7.0035
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	75.02	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	5.5436	5.5750 /Mcf	U-17334
DTE Gas Company	<i>No Change</i>	4.2400	4.2400 /Mcf	U-17131
Michigan Gas Utilities Corp	<i>Increase</i>	5.7649	5.7649 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	4.6140	4.6140 /Mcf	U-17336
SEMCO Energy Gas Co	<i>Increase</i>	6.4751	6.4751 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.6700	5.6700 /Dth	U-17279
Xcel Energy	<i>Decrease</i>	6.4435	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.5436					/Mcf
<u>-U-17334 - As Filed or as Ordered</u>	5.5750					/Mcf
DTE Gas Company						
- As Currently Billed	4.2400					/Mcf
<u>-U-17322 - As Filed or As Ordered</u>	4.2400					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	5.7649					/Mcf
<u>-U-17331 - As Filed or as Ordered</u>	5.7649					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	4.6140					/Mcf
<u>-U-17336-As Filed or as Ordered</u>	4.6140					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	6.4751					/Dth
<u>-U-17333 - As Filed or as Ordered</u>	6.4751					/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.6700					/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.6700					/Dth
Xcel Energy						
- As Currently Billed	6.4435					/Dth
<u>-U-17335 - As Filed or as Ordered</u>	6.6040					/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.27569	+ 0.55436	= 0.83005	\$93.51	5%
DTE Gas Company	11.38	0.29438	+ 0.42400	= 0.71838	\$83.22	-7%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.57649	= 0.74626	\$86.63	-3%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4614	= 0.91580	\$103.58	16%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.64751	= 0.83613	\$95.53	7%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.56700	= 0.66384	\$71.38	-20%
Xcel Energy	7.25	0.17700	+ 0.64435	= 0.82135	\$89.39	0%
AVERAGE RATE	10.01	0.23667	+ 0.55359	= 0.69148	\$89.03	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2014

	Customer Charge	Energy Efficiency Charge		LIEEF		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2		see note 3				
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/ccf)		
Sales							From Utility	
Rate A	10.50	0.02131	+	-0.00616	+	0.26054	0.55436	= 0.83005
Rate A-1 Residential Multi-Family	10.50	0.02131	+	0.00323	+	0.26054	0.55436	= 0.83944
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)								
Customer Choice							From Others	
alternative suppliers	10.50	0.02131			+	0.26054	per contract	
							* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf)		
Sales							From Utility	
General Service - Rate GS-1	11.65	0.1428	+	-0.03880	+	2.17840	5.5436	= 7.8260
General Service - Rate GS-2	18.70	0.1428	+	-0.03130	+	1.95900	5.5436	= 7.6141
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1428	+	0.06180	+	1.01830	5.5436	= 6.7665
General Service - Rate GS-3 (>100,000 Year)	543.90	0.005	+	0.06180	+	1.01830	5.5436	= 6.6287
Customer Choice							From Others	
alternative suppliers	(see above)					(see above)	per contract	
Transportation						(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1428				0.8988	per contract	
ST Optional Maximum Rate		0.1428				1.5676	per contract	
ST Optional Minimum Rate		0.1428				0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.005				0.8988	per contract	
ST Optional Maximum Rate		0.005				1.5676	per contract	
ST Optional Minimum Rate		0.005				0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1428				0.5859	per contract	
LT Optional Maximum Rate		0.1428				0.9418	per contract	
LT Optional Minimum Rate		0.1428				0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.005				0.5859	per contract	
LT Optional Maximum Rate		0.005				0.9418	per contract	
LT Optional Minimum Rate		0.005				0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1428				0.4634	per contract	
XLT Optional Maximum Rate		0.1428				0.7768	per contract	
XLT Optional Minimum Rate		0.1428				0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.005				0.4634	per contract	
XLT Optional Maximum Rate		0.005				0.7768	per contract	
XLT Optional Minimum Rate		0.005				0.1500	per contract	
XLT Remote Meter Charge	70.00						per contract	
OTHER	(\$/month)							
Outdoor Gas Light - Rate GL								
up to 2.5 CF/Hr	14.00					includes gas		
2.6 to 4.5 CF/Hr	22.00					includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17351

Note 3: Effective for bills rendered in July, 2014 Consumers will pay the Low Income and Energy Efficiency Residual Balance Surcharge per U-17174

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY									
July 1, 2014									
	Customer Charge	IRM Surcharge	U-16447 SI Credit	U-17238 SI Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 1				see note 3		see note 4		
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)			
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.88		0.02	0.01896	0.24942	+	0.02600	+ 0.42400 = 0.71838
Residential Multi Family Rate 2A Class 1	10.50	3.79			0.01473	0.24942	+	0.02600	+ 0.42400 = 0.71415
Residential Multi Family Rate 2A Class 2	26.20	3.79			0.01473	0.24942	+	0.02600	+ 0.42400 = 0.71415
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.88			0.01896	0.24942	+		+ 0.42400 = 0.69238
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)	+	0.02600	+ per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales								From Utility	
Rate GS-1	26.20	2.59		0.39	0.1473	2.4821	+	0.26000	+ 4.2400 = 7.1294
Rate GS-2 (<100,000 Mcf)	590.00	2.59			0.1473	1.9995	+	0.26000	+ 4.2400 = 6.6468
Rate GS-2 (>100,000 Mcf)	590.00	2.59			0.0123	1.9995	+	0.26000	+ 4.2400 = 6.5118
Rate S	200.00	28.88	-64.00		0.1473	1.5968	+	0.26000	+ 4.2400 = 6.2441
Customer Choice								From Others	
alternative suppliers	(see above)					(see above)			per contract
Transportation								From Others	
Rate ST (cost based rate)	2030.00	116.52			0.0123	0.7959			per contract
Maximum (optional)	2030.00	116.52			0.0123	1.3618			per contract
Minimum (optional)	2030.00	116.52			0.0123	0.2300			per contract
Rate LT (cost based rate)	3660.00	500.00			0.0123	0.6001			per contract
Maximum (optional)	3660.00	500.00			0.0123	0.9702			per contract
Minimum (optional)	3660.00	500.00			0.0123	0.2300			per contract
Rate XLT (cost based rate)	9100.00	500.00	3945.00		0.0123	0.5068			per contract
Maximum (optional)	9100.00	500.00	3945.00		0.0123	0.8336			per contract
Minimum (optional)	9100.00	500.00	3945.00		0.0123	0.1800			per contract
Rate XXL (cost based rate)	120000.00	500.00			0.0123	0.1652			per contract
Maximum (optional)	120000.00	500.00			0.0123	0.8336			per contract
Minimum (optional)	120000.00	500.00			0.0123	0.0500			per contract
EUT Exploratory Program					0.0057				
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge						10.0000			
Load Balancing Storage Charge						0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288. Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131 Note 5: Effective July 2014, customers will pay SI reconciliation charges or receive SI reconciliation credits per U-16447 and U-17238									
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books		for more details					

SEMCO

SEMCO ENERGY GAS COMPANY

July 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.58020	+ 0.06731	= 0.64751	)= 0.83613	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(5.80200	+ 0.6731	+ 6.4751	)= 9.29780	
	(>9 Dth)			0.0001	1.8203	5.80200	0.6731	6.4751	8.29550	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(5.80200	+ 0.6731	+ 6.4751	)= 8.87070	
	(>9 Dth)			0.0001	1.3932	5.80200	0.6731	6.4751	7.86840	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(5.80200	+ 0.6731	+ 6.4751	)= 8.57600	
	(>9 Dth)			0.0001	1.0985	5.80200	0.6731	6.4751	7.57370	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>			(see above)		(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.67310			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered on and after May 2014 billing month per U-17333 - Revised 7/13/15

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.56700	= 0.66384
Seasonal	10.00	0.09684	+ 0.56700	= 0.66384
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.6700	= 6.5214
Small Seasonal	19.04	0.8514	+ 5.6700	= 6.5214
Large	102.29	0.6214	+ 5.6700	= 6.2914
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4614	0.9158
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.6140	7.8170
Large	188.00	2.3360	4.6140	6.9500

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	7.25	0.17700	+ 0.64435	= 0.82135
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	21.02	1.1800	+ 6.4435	= 7.6235
Firm (304)	484.79	1.1800	+ 6.4435	= 7.6235
Interruptible (303)	161.39	0.5600	+ 6.4435	= 7.0035
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	75.02	25.00	25.00	0.5600

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	5.5966	5.6101	/Mcf U-17334
DTE Gas Company	<i>Increase</i>	4.2400	4.2400	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Increase</i>	5.3566	5.3566	/Mcf U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	4.6140	4.6140	/Mcf U-17336
SEMCO Energy Gas Co	<i>Increase</i>	5.3785	5.3785	/Dth U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.7370	5.7370	/Dth U-17279
Xcel Energy	<i>No Change</i>	6.8929	6.6040	/Dth U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	5.5966	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098				/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	5.6101	/Mcf
DTE Gas Company							
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	4.2400	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	4.2400	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	5.3566	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843				/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	5.3566	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170				/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	4.6140	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	5.3785	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784				/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	5.3785	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	5.7370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	5.7370	/Dth
Xcel Energy							
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700				/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2014

Calendar Year of GCR Factors

	Jul-14 \$/unit	Aug-14 \$/unit	Sep-14 \$/unit	Oct-14 \$/unit	Nov-14 \$/unit	Dec-14 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17133 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17131 - As Filed or as Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17130 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17135-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17132 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17134 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28185	+ 0.55966	= 0.84151	\$94.65	9%
DTE Gas Company	10.73	0.29438	+ 0.42400	= 0.71838	\$82.57	-5%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.53566	= 0.70543	\$82.54	-5%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4614	= 0.91580	\$103.58	19%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.53785	= 0.72647	\$84.57	-3%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.57370	= 0.67054	\$72.05	-17%
Xcel Energy	6.50	0.13700	+ 0.68929	= 0.82629	\$89.13	2%
AVERAGE RATE	9.81	0.23184	+ 0.54022	= 0.67555	\$87.01	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2014

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/ccf)		
Sales				From Utility		
Rate A	10.50	0.02131	+	0.26054	0.55966	= 0.84151
Rate A-1 Residential Multi-Family	10.50	0.02131	+	0.26054	0.55966	= 0.84151
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice				From Others		
alternative suppliers	10.50	0.02131		0.26054	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
General Service - Rate GS-1	11.65	0.1428	+	2.17840	5.5966	= 7.9178
General Service - Rate GS-2	18.70	0.1428	+	1.95900	5.5966	= 7.6984
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1428	+	1.01830	5.5966	= 6.7577
General Service - Rate GS-3 (>100,000 Year)	543.90	0.005	+	1.01830	5.5966	= 6.6199
Customer Choice				From Others		
alternative suppliers	(see above)		(see above)	per contract		
Transportation				(volumetric charges in \$/Mcf)	From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1428		0.8988	per contract	
ST Optional Maximum Rate		0.1428		1.5676	per contract	
ST Optional Minimum Rate		0.1428		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.005		0.8988	per contract	
ST Optional Maximum Rate		0.005		1.5676	per contract	
ST Optional Minimum Rate		0.005		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1428		0.5859	per contract	
LT Optional Maximum Rate		0.1428		0.9418	per contract	
LT Optional Minimum Rate		0.1428		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.005		0.5859	per contract	
LT Optional Maximum Rate		0.005		0.9418	per contract	
LT Optional Minimum Rate		0.005		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1428		0.4634	per contract	
XLT Optional Maximum Rate		0.1428		0.7768	per contract	
XLT Optional Minimum Rate		0.1428		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.005		0.4634	per contract	
XLT Optional Maximum Rate		0.005		0.7768	per contract	
XLT Optional Minimum Rate		0.005		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17351

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY

June 1, 2014

	Customer Charge	IRM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge
	See note 1		see note 3	see note 4			
	(\$/month)			(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE							
Sales						From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01896	0.24942	+	0.02600	= 0.71838
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01473	0.24942	+	0.02600	= 0.71415
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01473	0.24942	+	0.02600	= 0.71415
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01896	0.24942	+	0.42400	= 0.69238
Customer Choice						From Others	
alternative suppliers	(see above)			(see above)	+	0.02600	+ per contract
COMMERCIAL & INDUSTRIAL SERVICE							
	(\$/month)			(volumetric charges in \$/Mcf metered)			
Sales						From Utility	
Rate GS-1	26.20	0.67	0.1473	2.4821	+	0.26000	= 7.1294
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1473	1.9995	+	0.26000	= 6.6468
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0123	1.9995	+	0.26000	= 6.5118
Rate S	200.00	7.41	0.1473	1.5968	+	0.26000	= 6.2441
Customer Choice						From Others	
alternative suppliers	(see above)			(see above)			per contract
Transportation						From Others	
Rate ST (cost based rate)	2030.00	29.86	0.0123	0.7959			per contract
Maximum (optional)	2030.00	29.86	0.0123	1.3618			per contract
Minimum (optional)	2030.00	29.86	0.0123	0.2300			per contract
Rate LT (cost based rate)	3660.00	145.40	0.0123	0.6001			per contract
Maximum (optional)	3660.00	145.40	0.0123	0.9702			per contract
Minimum (optional)	3660.00	145.40	0.0123	0.2300			per contract
Rate XLT (cost based rate)	9100.00	500.00	0.0123	0.5068			per contract
Maximum (optional)	9100.00	500.00	0.0123	0.8336			per contract
Minimum (optional)	9100.00	500.00	0.0123	0.1800			per contract
Rate XXL T (cost based rate)	120000.00	500.00	0.0123	0.1652			per contract
Maximum (optional)	120000.00	500.00	0.0123	0.8336			per contract
Minimum (optional)	120000.00	500.00	0.0123	0.0500			per contract
EUT Exploratory Program			0.0057				
Rate XLT/XXLT-Remote Meter Charge	100.00						
Unauthorized Gas Usage Charge				10.0000			
Load Balancing Storage Charge				0.25/MMBtu			

MICHIGAN GAS UTILITIES CORP.										June 1, 2014	
	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge						Total Vol Charge
		see note 1	see note 3	see note 4							
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	12.00	0.01461	-0.003044	-0.001248	0.15945	+(0.47633	+ 0.05933	= 0.53566	)=	0.70543	
Residential Multi-Family Meter Class I	12.00	0.01461	-0.001979	0.019584	0.12243	+(0.47633	+ 0.05933	= 0.53566	)=	0.69031	
Gas Light Rate-Residential					0.15945	+(0.47633	+ 0.05933	= 0.53566	)=	0.69511	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.32800			From Others	Reservation Charge				
						+ per contract	+ 0.05933				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	33.00	3.31	-0.02983	1.95840	1.59450	+(4.7633	+ 0.5933	= 5.3566	)=	6.95110	
Large General Service	400.00	162.31	-0.02195		1.03220	+(4.7633	+ 0.5933	= 5.3566	)=	6.38880	
GasLight Rate-Commercial		5.29			1.59450	+(4.7633	+ 0.5933	= 5.3566	)=	6.95110	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge				
						+ per contract	+ 0.59330				
Transportation	Customer Charge	EO Charge	Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo			(volumetric charges in \$/Mcf metered)						
TR-1	850.00	35.56	886	-0.01381	0.7777	0.6277					
TR-2	2,250.00	112.27	2,362	-0.00622	0.4796	0.3296					
TR-3	3,050.00	385.46	3,435	-0.00328	0.4651	0.3151					
Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290											
Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR. REVISED - 7/13/15											
Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222											
Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221											
Customer Attachment Program											
Rates at michigan gas utilities.com											
Understanding your bill at michigan gas utilities.com											
Rate Books											

SEMCO ENERGY GAS COMPANY

June 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1			see note 3			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.47249	+ 0.06536	= 0.53785	)= 0.72647	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06536			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(4.72490	+ 0.6536	+ 5.3785	)= 8.20120	
	(>9 Dth)			0.0001	1.8203	4.72490	0.6536	5.3785	7.19890	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(4.72490	+ 0.6536	+ 5.3785	)= 7.77410	
	(>9 Dth)			0.0001	1.3932	4.72490	0.6536	5.3785	6.77180	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(4.72490	+ 0.6536	+ 5.3785	)= 7.47940	
	(>9 Dth)			0.0001	1.0985	4.72490	0.6536	5.3785	6.47710	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.65360			
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
		(\$/month)			(\$/month)		(Nov - Mar)	(Apr - Oct)		
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	\$/Dth 0.9068	\$/Dth 0.7568	\$/Dth 0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered on and after May 2014 billing month per U-17333 - Revised 7/13/15

Rates at semcoenergy.com

[Customer Attachment Program](#)

Understanding your bill at semcoenergygas.com

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.57370	= 0.67054
Seasonal	10.00	0.09684	+ 0.57370	= 0.67054
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.7370	= 6.5884
Small Seasonal	19.04	0.8514	+ 5.7370	= 6.5884
Large	102.29	0.6214	+ 5.7370	= 6.3584
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4614	0.9158
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.6140	7.8170
Large	188.00	2.3360	4.6140	6.9500

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.68929	= 0.82629
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	19.02	0.8450	+ 6.8929	= 7.7379
Firm (304)	482.79	0.8450	+ 6.8929	= 7.7379
Interruptible (303)	126.39	0.3300	+ 6.8929	= 7.2229
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	5.4526	5.5750 /Mcf	U-17334
DTE Gas Company	<i>Decrease</i>	4.2100	4.2100 /Mcf	U-17131
Michigan Gas Utilities Corp	<i>Decrease</i>	5.1334	5.1334 /Mcf	U-17331
Presque Isle E. & G. Coop.	<i>No Change</i>	4.6140	4.6140 /Mcf	U-17135
SEMCO Energy Gas Co	<i>Decrease</i>	5.1308	5.1308 /Dth	U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.5370	5.5370 /Dth	U-17279
Xcel Energy	<i>Increase</i>	6.8929	6.6040 /Dth	U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	4.6260	4.6260	4.7098	4.7473	5.4526	/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473	5.5750	/Mcf
DTE Gas Company						
- As Currently Billed	4.7100	4.7400	4.8000	4.5600	4.2100	/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000		4.2100	/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.7397	4.7397	4.8843	5.2227	5.1334	/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227	5.1334	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	4.6140	4.6140	/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170			/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140	4.6140	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7299	4.7299	4.8784	5.2299	5.1308	/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784			/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299	5.1308	/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	4.8845	4.4778	5.6370	5.6030	5.5370	/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030	5.5370	/Dth
Xcel Energy						
- As Currently Billed	4.9745	4.9745	4.9745	5.5221	6.8929	/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700			/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690	6.6040	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17133 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17131 - As Filed or as Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17130 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17135-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17132 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17134 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28479	+ 0.54526	= 0.83005	\$93.51	9%
DTE Gas Company	10.73	0.29438	+ 0.42100	= 0.71538	\$82.27	-4%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.51334	= 0.68311	\$80.31	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4614	= 0.91580	\$103.58	21%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.51308	= 0.70170	\$82.09	-4%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.55370	= 0.65054	\$70.05	-18%
Xcel Energy	6.50	0.13700	+ 0.68929	= 0.82629	\$89.13	4%
AVERAGE RATE	9.81	0.23226	+ 0.52815	= 0.66536	\$85.85	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2014

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/ccf)		
Sales				From Utility		
Rate A	10.50	0.02425	+	0.26054	0.54526	= 0.83005
Rate A-1 Residential Multi-Family	10.50	0.02425	+	0.26054	0.54526	= 0.83005
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice				From Others		
alternative suppliers	10.50	0.02425		0.26054	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
General Service - Rate GS-1	11.65	0.1741	+	2.17840	5.4526	= 7.8051
General Service - Rate GS-2	18.70	0.1741	+	1.95900	5.4526	= 7.5857
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1741	+	1.01830	5.4526	= 6.6450
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0096	+	1.01830	5.4526	= 6.4805
Customer Choice				From Others		
alternative suppliers	(see above)	(see above)		per contract		
Transportation				From Others		
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1741		0.8988	per contract	
ST Optional Maximum Rate		0.1741		1.5676	per contract	
ST Optional Minimum Rate		0.1741		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0096		0.8988	per contract	
ST Optional Maximum Rate		0.0096		1.5676	per contract	
ST Optional Minimum Rate		0.0096		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1741		0.5859	per contract	
LT Optional Maximum Rate		0.1741		0.9418	per contract	
LT Optional Minimum Rate		0.1741		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0096		0.5859	per contract	
LT Optional Maximum Rate		0.0096		0.9418	per contract	
LT Optional Minimum Rate		0.0096		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1741		0.4634	per contract	
XLT Optional Maximum Rate		0.1741		0.7768	per contract	
XLT Optional Minimum Rate		0.1741		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0096		0.4634	per contract	
XLT Optional Maximum Rate		0.0096		0.7768	per contract	
XLT Optional Minimum Rate		0.0096		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17281

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY							May 1, 2014	
	Customer Charge	IRM Surcharge	EO Surcharge	Distribution Charge	Reservation Charge	GCR Factor	Total Vol Charge	
	See note 1		see note 3	see note 4				
	(\$/month)			(volumetric charges in \$/Ccf metered)				
RESIDENTIAL SERVICE								
Sales							From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01896	0.24942	+	0.02600	= 0.71538	
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01473	0.24942	+	0.02600	= 0.71115	
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01473	0.24942	+	0.02600	= 0.71115	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01896	0.24942	+	0.42100	= 0.68938	
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)	+	0.02600	= per contract	
COMMERCIAL & INDUSTRIAL SERVICE								
	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales							From Utility	
Rate GS-1	26.20	0.67	0.1473	2.4821	+	0.26000	= 7.0994	
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1473	1.9995	+	0.26000	= 6.6168	
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0123	1.9995	+	0.26000	= 6.4818	
Rate S	200.00	7.41	0.1473	1.5968	+	0.26000	= 6.2141	
Customer Choice							From Others	
alternative suppliers	(see above)			(see above)			per contract	
Transportation							From Others	
Rate ST (cost based rate)	2030.00	29.86	0.0123	0.7959			per contract	
Maximum (optional)	2030.00	29.86	0.0123	1.3618			per contract	
Minimum (optional)	2030.00	29.86	0.0123	0.2300			per contract	
Rate LT (cost based rate)	3660.00	145.40	0.0123	0.6001			per contract	
Maximum (optional)	3660.00	145.40	0.0123	0.9702			per contract	
Minimum (optional)	3660.00	145.40	0.0123	0.2300			per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0123	0.5068			per contract	
Maximum (optional)	9100.00	500.00	0.0123	0.8336			per contract	
Minimum (optional)	9100.00	500.00	0.0123	0.1800			per contract	
Rate XXL T (cost based rate)	120000.00	500.00	0.0123	0.1652			per contract	
Maximum (optional)	120000.00	500.00	0.0123	0.8336			per contract	
Minimum (optional)	120000.00	500.00	0.0123	0.0500			per contract	
EUT Exploratory Program			0.0057					
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge				10.0000				
Load Balancing Storage Charge				0.25/MMBtu				
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st								
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round								
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.								
Note 4: Full Service and Gas Customer Choice customers will pay the Reservation Charge per U-17131								
Rates at utilities.dteenergy.com (PDF version)								
My.dteenergy.com for understanding your bill								
Rates Reference:	see	Rate Books	for more details					

MICHIGAN GAS UTILITIES CORP.

May 1, 2014

	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge					Total Vol Charge
		see note 1	see note 3	see note 4						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)					
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	12.00	0.01461	-0.00304	-0.00125	0.15945	+(0.45401	+ 0.05933	= 0.51334	)=	0.68311
Residential Multi-Family										
<i>Meter Class I</i>	12.00	0.01461	-0.00198	0.01958	0.12243	+(0.45401	+ 0.05933	= 0.51334	)=	0.66799
Gas Light Rate-Residential					0.15945	+(0.45401	+ 0.05933	= 0.51334	)=	0.67279
<u>Customer Choice-Residential alternative suppliers</u>	(see above)	(see above)	-0.32800			From Others	Reservation Charge			
						+ per contract	+ 0.05933			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	3.31	-0.02983	1.95840	1.59450	+(4.5401	+ 0.5933	= 5.1334	)=	6.72790
Large General Service	400.00	162.31	-0.02195		1.03220	+(4.5401	+ 0.5933	= 5.1334	)=	6.16560
Gas Light Rate-Commercial		5.29			1.59450	+(4.5401	+ 0.5933	= 5.1334	)=	6.72790
<u>Customer Choice-Comm. & Ind. alternative suppliers</u>	(see above)	(see above)				From Others	Reservation Charge			
						+ per contract	+ 0.59330			
Transportation			Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
	Customer Charge	EO Charge								
		\$/mo			(volumetric charges in \$/Mcf metered)					
TR-1	850.00	35.56	886	-0.01381	0.7777	0.6277				
TR-2	2,250.00	112.27	2,362	-0.00622	0.4796	0.3296				
TR-3	3,050.00	385.46	3,435	-0.00328	0.4651	0.3151				

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR. Revised 7/13/15

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

May 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1			see note 3			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.44772	+ 0.06536	= 0.51308	)= 0.70170	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06536			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(4.47720	+ 0.6536	+ 5.1308	)= 7.95350	
	(>9 Dth)			0.0001	1.8203	4.47720	0.6536	5.1308	6.95120	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(4.47720	+ 0.6536	+ 5.1308	)= 7.52640	
	(>9 Dth)			0.0001	1.3932	4.47720	0.6536	5.1308	6.52410	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(4.47720	+ 0.6536	+ 5.1308	)= 7.23170	
	(>9 Dth)			0.0001	1.0985	4.47720	0.6536	5.1308	6.22940	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.65360			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Balancing and Demand Charge effective for bills rendered on and after May 2014 billing month per U-17333 - Revised 7/13/15

Rates at semcoenergy.com

Customer Attachment Program

Understanding your bill at semcoenergygas.com

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.55370	= 0.65054
Seasonal	10.00	0.09684	+ 0.55370	= 0.65054
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.5370	= 6.3884
Small Seasonal	19.04	0.8514	+ 5.5370	= 6.3884
Large	102.29	0.6214	+ 5.5370	= 6.1584
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4614	0.9158
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.6140	7.8170
Large	188.00	2.3360	4.6140	6.9500

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.68929	= 0.82629
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	19.02	0.8450	+ 6.8929	= 7.7379
Firm (304)	482.79	0.8450	+ 6.8929	= 7.7379
Interruptible (303)	126.39	0.3300	+ 6.8929	= 7.2229
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](http://Rate%20Information%20at%20xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	4.7473	4.7473	/Mcf U-17334
DTE Gas Company	<i>Decrease</i>	4.5600	4.5600	/Mcf U-17332
Michigan Gas Utilities Corp	<i>Increase</i>	5.2227	5.2227	/Mcf U-17331
Presque Isle E. & G. Coop.	<i>Decrease</i>	4.6140	4.6140	/Mcf U-17135
SEMCO Energy Gas Co	<i>Increase</i>	5.2299	5.2299	/Dth U-17333
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	5.6030	5.6030	/Dth U-17279
Xcel Energy	<i>Increase</i>	5.5221	5.1690	/Dth U-17335

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	4.6260	4.6260	4.7098	4.7473		/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098			/Mcf
<u>-U-17334 - As Filed or as Ordered</u>				4.7473		/Mcf
DTE Gas Company						
- As Currently Billed	4.7100	4.7400	4.8000	4.5600		/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000			/Mcf
<u>-U-17322 - As Filed or As Ordered</u>				4.5600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.7397	4.7397	4.8843	5.2227		/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843			/Mcf
<u>-U-17331 - As Filed or as Ordered</u>				5.2227		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	4.6140		/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170			/Mcf
<u>-U-17336-As Filed or as Ordered</u>				4.6140		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7299	4.7299	4.8784	5.2299		/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784			/Dth
<u>-U-17333 - As Filed or as Ordered</u>				5.2299		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	4.8845	4.4778	5.6370	5.6030		/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370	5.6030		/Dth
Xcel Energy						
- As Currently Billed	4.9745	4.9745	4.9745	5.5221		/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700			/Dth
<u>-U-17335 - As Filed or as Ordered</u>				5.1690		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17133 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17131 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17130 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17135-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17132 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17134 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28479	+ 0.47473	= 0.75952	\$86.45	4%
DTE Gas Company	10.73	0.25676	+ 0.45600	= 0.71276	\$82.01	-1%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.52227	= 0.69204	\$81.20	-2%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.4614	= 0.91580	\$103.58	24%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.52299	= 0.71161	\$83.08	0%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.56030	= 0.65714	\$70.71	-15%
Xcel Energy	6.50	0.13700	+ 0.55221	= 0.68921	\$75.42	-9%
AVERAGE RATE	9.81	0.22688	+ 0.50713	= 0.64226	\$83.21	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2014

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
Rate A	10.50	0.02425	+	0.26054	+	0.47473 = 0.75952
Rate A-1 Residential Multi-Family	10.50	0.02425	+	0.26054	+	0.47473 = 0.75952
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice				From Others		
alternative suppliers	10.50	0.02425		0.26054	+	per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf)		
Sales				From Utility		
General Service - Rate GS-1	11.65	0.1741	+	2.17840	+	4.7473 = 7.0998
General Service - Rate GS-2	18.70	0.1741	+	1.95900	+	4.7473 = 6.8804
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1741	+	1.01830	+	4.7473 = 5.9397
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0096	+	1.01830	+	4.7473 = 5.7752
Customer Choice				From Others		
alternative suppliers	(see above)		(see above)			per contract
Transportation				(volumetric charges in \$/Mcf)		From Others
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1741		0.8988		per contract
ST Optional Maximum Rate		0.1741		1.5676		per contract
ST Optional Minimum Rate		0.1741		0.2300		per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0096		0.8988		per contract
ST Optional Maximum Rate		0.0096		1.5676		per contract
ST Optional Minimum Rate		0.0096		0.2300		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1741		0.5859		per contract
LT Optional Maximum Rate		0.1741		0.9418		per contract
LT Optional Minimum Rate		0.1741		0.2300		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0096		0.5859		per contract
LT Optional Maximum Rate		0.0096		0.9418		per contract
LT Optional Minimum Rate		0.0096		0.2300		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1741		0.4634		per contract
XLT Optional Maximum Rate		0.1741		0.7768		per contract
XLT Optional Minimum Rate		0.1741		0.1500		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0096		0.4634		per contract
XLT Optional Maximum Rate		0.0096		0.7768		per contract
XLT Optional Minimum Rate		0.0096		0.1500		per contract
XLT Remote Meter Charge	70.00					per contract
	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#)

DTE GAS COMPANY						April 1, 2014	
	Customer Charge	IRM Surcharge	EO Surcharge	2012 UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge
	See note 1		see note 3	see note 4			
	(\$/month)		(volumetric charges in \$/Ccf metered)				
RESIDENTIAL SERVICE							
Sales							
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01896	-0.01162	0.24942	+ 0.45600	= 0.71276
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01473	-0.00893	0.24942	+ 0.45600	= 0.71122
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01473	-0.01023	0.24942	+ 0.45600	= 0.70992
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01896	-0.01162	0.24942	+ 0.45600	= 0.71276
Customer Choice							
alternative suppliers	(see above)				(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE							
Sales							
Rate GS-1	26.20	0.67	0.1473	-0.12	2.4821	+ 4.5600	= 7.0694
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1473	-0.0909	1.9995	+ 4.5600	= 6.6159
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0123	-0.0909	1.9995	+ 4.5600	= 6.4809
Rate S	200.00	7.41	0.1473	-0.0951	1.5968	+ 4.5600	= 6.2090
Customer Choice							
alternative suppliers	(see above)				(see above)	per contract	
Transportation							
Rate ST (cost based rate)	2030.00	29.86	0.0123	-0.0247	0.7959	per contract	
Maximum (optional)	2030.00	29.86	0.0123	-0.0247	1.3618	per contract	
Minimum (optional)	2030.00	29.86	0.0123	-0.0247	0.2300	per contract	
Rate LT (cost based rate)	3660.00	145.40	0.0123	-0.0058	0.6001	per contract	
Maximum (optional)	3660.00	145.40	0.0123	-0.0058	0.9702	per contract	
Minimum (optional)	3660.00	145.40	0.0123	-0.0058	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0123	-0.0022	0.5068	per contract	
Maximum (optional)	9100.00	500.00	0.0123	-0.0022	0.8336	per contract	
Minimum (optional)	9100.00	500.00	0.0123	-0.0022	0.1800	per contract	
Rate XXLT (cost based rate)	120000.00	500.00	0.0123	-0.0029	0.1652	per contract	
Maximum (optional)	120000.00	500.00	0.0123	-0.0029	0.8336	per contract	
Minimum (optional)	120000.00	500.00	0.0123	-0.0029	0.0500	per contract	
EUT Exploratory Program			0.0057				
Rate XLT/XXLT-Remote Meter Charge	100.00						
Unauthorized Gas Usage Charge					10.0000		
Load Balancing Storage Charge					0.25/MMBtu		
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st							
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round							
Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288.							
Note 4: Effective October 2013, 2012 UETM per case U-17214							
Rates at utilities.dteenergy.com (PDF version)							
My.dteenergy.com for understanding your bill							
Rates Reference:	see	Rate Books	for more details				

MICHIGAN GAS UTILITIES CORP.										April 1, 2014	
	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge						Total Vol Charge
		see note 1	see note 3	see note 4		see note 2					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	12.00	0.01461	-0.00304	-0.00125	0.15945	+(0.46294	+ 0.05933	= 0.52227	)=	0.69204
Residential Multi-Family											
Meter Class I	12.00	0.01461	-0.00198	0.01958	0.12243	+(0.46294	+ 0.05933	= 0.52227	)=	0.67692
Gas Light Rate-Residential					0.15945	+(0.46294	+ 0.05933	= 0.52227	)=	0.68172
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.32800			From Others	Reservation Charge				
						+ per contract	+ 0.05933				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)						
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	33.00	3.31	-0.02983	1.95840	1.59450	+(4.6294	+ 0.5933	= 5.2227	)=	6.81720
Large General Service	400.00	162.31	-0.02195		1.03220	+(4.6294	+ 0.5933	= 5.2227	)=	6.25490
GasLight Rate-Commercial		5.29			1.59450	+(4.6294	+ 0.5933	= 5.2227	)=	6.81720
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge				
						+ per contract	+ 0.59330				
Transportation	Customer Charge	EO Charge	Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo			(volumetric charges in \$/Mcf metered)						
TR-1	850.00	35.56	886	-0.01381	0.7777	0.6277					
TR-2	2,250.00	112.27	2,362	-0.00622	0.4796	0.3296					
TR-3	3,050.00	385.46	3,435	-0.00328	0.4651	0.3151					
Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290											
Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR. REVISED - 7/13/15											
Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222											
Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221											
Customer Attachment Program											
Rates at michigangasutilities.com											
Understanding your bill at michigangasutilities.com											
Rate Books											

SEMCO

SEMCO ENERGY GAS COMPANY

April 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
			see note 2	see note 1			see note 3			
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.45763	+ 0.06536	= 0.52299	)= 0.71161	
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.06536			
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)				
Sales		(\$/month)				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(4.57630	+ 0.6536	+ 5.2299	)= 8.05260	
	(>9 Dth)			0.0001	1.8203	4.57630	0.6536	5.2299	7.05030	
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(4.57630	+ 0.6536	+ 5.2299	)= 7.62550	
	(>9 Dth)			0.0001	1.3932	4.57630	0.6536	5.2299	6.62320	
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(4.57630	+ 0.6536	+ 5.2299	)= 7.33080	
	(>9 Dth)			0.0001	1.0985	4.57630	0.6536	5.2299	6.32850	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge			
						+ per contract	+ 0.65360			
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Note 3: Effective for bills rendered on and after the first billing cycle of April 2014 per U-17333. REVISED 7/13/15

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.56030	= 0.65714
Seasonal	10.00	0.09684	+ 0.56030	= 0.65714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.6030	= 6.4544
Small Seasonal	19.04	0.8514	+ 5.6030	= 6.4544
Large	102.29	0.6214	+ 5.6030	= 6.2244
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.4614	0.9158
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	4.6140	7.8170
Large	188.00	2.3360	4.6140	6.9500

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.55221	= 0.68921
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	19.02	0.8450	+ 5.5221	= 6.3671
Firm (304)	482.79	0.8450	+ 5.5221	= 6.3671
Interruptible (303)	126.39	0.3300	+ 5.5221	= 5.8521
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	4.7098	4.7098	/Mcf U-17133
DTE Gas Company	<i>Increase</i>	4.8000	4.8000	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Increase</i>	4.8843	4.8843	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>Increase</i>	4.8784	4.8784	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	5.6370	5.6370	/Dth U-17279
Xcel Energy	<i>No Change</i>	4.9745	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2014

Calendar Year of GCR Factors

	Jan-14 \$/unit	Feb-14 \$/unit	Mar-14 \$/unit	Apr-14 \$/unit	May-14 \$/unit	Jun-14 \$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	4.6260	4.6260	4.7098			/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260	4.7098			/Mcf
DTE Gas Company						
- As Currently Billed	4.7100	4.7400	4.8000			/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400	4.8000			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.7397	4.7397	4.8843			/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397	4.8843			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170			/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170	5.4170			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7299	4.7299	4.8784			/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299	4.8784			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	4.8845	4.4778	5.6370			/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370	5.6370			/Dth
Xcel Energy						
- As Currently Billed	4.9745	4.9745	4.9745			/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700	5.0700			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17133 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17131 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17130 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17135-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17132 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17134 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.30386	+ 0.47098	= 0.77484	\$87.98	6%
DTE Gas Company	10.73	0.26639	+ 0.48000	= 0.74639	\$85.37	2%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.48843	= 0.65820	\$77.82	-7%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	34%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.48784	= 0.67646	\$79.57	-5%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.56370	= 0.66054	\$71.05	-15%
Xcel Energy	6.50	0.13700	+ 0.49745	= 0.63445	\$69.95	-16%
AVERAGE RATE	9.81	0.23098	+ 0.50430	= 0.64337	\$83.34	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2014

	Customer Charge	PRDM Charge	Energy Efficiency Charge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 3	see note 2			
RESIDENTIAL SERVICE (\$/month)						
Sales					From Utility	
Rate A	10.50	0.01907 +	0.02425 +	0.26054 +	0.47098 =	0.77484
Rate A-1 Residential Multi-Family	10.50	0.01907 +	0.02425 +	0.26054 +	0.47098 =	0.77484
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
<u>alternative suppliers</u>	10.50	0.01907 +	0.02425	0.26054 +	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)						
Sales					From Utility	
General Service - Rate GS-1	11.65	0.0058 +	0.1741 +	2.17840 +	4.7098 =	7.0681
General Service - Rate GS-2	18.70	0.0058 +	0.1741 +	1.95900 +	4.7098 =	6.8487
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.0058 +	0.1741 +	1.01830 +	4.7098 =	5.9080
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0058 +	0.0096 +	1.01830 +	4.7098 =	5.7435
Customer Choice					From Others	
<u>alternative suppliers</u>	(see above)			(see above)	per contract	
Transportation	#REF!	(volumetric charges in \$/Mcf)			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.0602 +	0.1741	0.8988	per contract	
ST Optional Maximum Rate		0.0602 +	0.1741	1.5676	per contract	
ST Optional Minimum Rate		0.0602 +	0.1741	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0602 +	0.0096	0.8988	per contract	
ST Optional Maximum Rate		0.0602 +	0.0096	1.5676	per contract	
ST Optional Minimum Rate		0.0602 +	0.0096	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.0602 +	0.1741	0.5859	per contract	
LT Optional Maximum Rate		0.0602 +	0.1741	0.9418	per contract	
LT Optional Minimum Rate		0.0602 +	0.1741	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0602 +	0.0096	0.5859	per contract	
LT Optional Maximum Rate		0.0602 +	0.0096	0.9418	per contract	
LT Optional Minimum Rate		0.0602 +	0.0096	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.0602 +	0.1741	0.4634	per contract	
XLT Optional Maximum Rate		0.0602 +	0.1741	0.7768	per contract	
XLT Optional Minimum Rate		0.0602 +	0.1741	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0602 +	0.0096	0.4634	per contract	
XLT Optional Maximum Rate		0.0602 +	0.0096	0.7768	per contract	
XLT Optional Minimum Rate		0.0602 +	0.0096	0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER (\$/month)						
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.						
Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-						
Note 3: Pilot Revenue Decoupling Mechanism Charge effective for the January 2014 Bill Month through the April 2014 Bill Month per U-						
<u>Customer Attachment Program</u>	surcharges are in addition to rates above					
<u>Understanding your bill at Consumersenergy.com</u>						
Rates Reference:	see	<u>Rate Books</u>	for more details			

DTE GAS COMPANY								
March 1, 2014								
	Customer Charge	IRM Surcharge	EO Surcharge	RDM Adj. U-17103	RDM Adj. U-17216	2012 UETM Adj.	Distribution Charge	Total Vol Charge
	See note 1	See note 3	See note 5	See note 6	See note 4			
RESIDENTIAL SERVICE								
	(\$/month)					(volumetric charges in \$/Ccf metered)		
Sales								
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01896	0.00492	0.00471	-0.01162	0.24942	From Utility = 0.74639
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01473	-0.06494	-0.00537	-0.00893	0.24942	+ 0.48000 = 0.66491
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01473	-0.005	0.0085	-0.01023	0.24942	+ 0.48000 = 0.73742
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01896	0.01017	0.00819	-0.01162	0.24942	+ 0.48000 = 0.75512
Customer Choice								
alternative suppliers	(see above)						(see above)	From Others + per contract
COMMERCIAL & INDUSTRIAL SERVICE								
	(\$/month)							
Sales								
Rate GS-1	26.20	0.67	0.1473	0.0769	0.0611	-0.12	2.4821	From Utility + 4.8000 = 7.4474
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1473			-0.0909	1.9995	+ 4.8000 = 6.8559
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0123			-0.0909	1.9995	+ 4.8000 = 6.7209
Rate S	200.00	7.41	0.1473	0.3779	0.127	-0.0951	1.5968	+ 4.8000 = 6.9539
Customer Choice								
alternative suppliers	(see above)						(see above)	From Others per contract
Transportation								
Rate ST (cost based rate)	2030.00	29.86	0.0123			-0.0247	0.7959	From Others per contract
Maximum (optional)	2030.00	29.86	0.0123			-0.0247	1.3618	per contract
Minimum (optional)	2030.00	29.86	0.0123			-0.0247	0.2300	per contract
Rate LT (cost based rate)	3660.00	145.40	0.0123			-0.0058	0.6001	per contract
Maximum (optional)	3660.00	145.40	0.0123			-0.0058	0.9702	per contract
Minimum (optional)	3660.00	145.40	0.0123			-0.0058	0.2300	per contract
Rate XLT (cost based rate)	9100.00	500.00	0.0123			-0.0022	0.5068	per contract
Maximum (optional)	9100.00	500.00	0.0123			-0.0022	0.8336	per contract
Minimum (optional)	9100.00	500.00	0.0123			-0.0022	0.1800	per contract
Rate XXLTL (cost based rate)	120000.00	500.00	0.0123			-0.0029	0.1652	per contract
Maximum (optional)	120000.00	500.00	0.0123			-0.0029	0.8336	per contract
Minimum (optional)	120000.00	500.00	0.0123			-0.0029	0.0500	per contract
EUT Exploratory Program			0.0057					
Rate XLT/XXLT-Remote Meter Charge	100.00							
Unauthorized Gas Usage Charge							10.0000	
Load Balancing Storage Charge							0.25/MMBtu	
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288. Note 4: Effective October 2013, 2012 UETM per case U-17214 Note 5: Effective April, 2013 through March, 2014 per Order in U-17103 Note 6: Effective December 2013, RDM surcharge per U-17216. Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill								
Rates Reference:	see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

March 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge					Total Charge
		see note 2		see note 1						
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service		11.50	0.42	0.0152	0.17342	+(0.41167	+ 0.07617	= 0.48784	)=	0.67646
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge			
						per contract				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)				(volumetric charges in \$/Dth metered)				
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(4.11670	+ 0.7617	+ 4.8784	)=	7.70110
	(>9 Dth)			0.0001	1.8203	4.11670	0.7617	4.8784		6.69880
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(4.11670	+ 0.7617	+ 4.8784	)=	7.27400
	(>9 Dth)			0.0001	1.3932	4.11670	0.7617	4.8784		6.27170
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(4.11670	+ 0.7617	+ 4.8784	)=	6.97930
	(>9 Dth)			0.0001	1.0985	4.11670	0.7617	4.8784		5.97700
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)				(see above)	+ From Others	+ Balancing and Demand Charge			
						per contract				
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344	
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344	
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344	
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344	
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344	
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344	
OTHER		(\$/month)								
Gas Light Service		7.00								

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.56370	= 0.66054
Seasonal	10.00	0.09684	+ 0.56370	= 0.66054
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 5.6370	= 6.4884
Small Seasonal	19.04	0.8514	+ 5.6370	= 6.4884
Large	102.29	0.6214	+ 5.6370	= 6.2584
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.49745	= 0.63445
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	19.02	0.8450	+ 4.9745	= 5.8195
Firm (304)	482.79	0.8450	+ 4.9745	= 5.8195
Interruptible (303)	126.39	0.3300	+ 4.9745	= 5.3045
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	No Change	4.6260	4.6260 /Mcf	<u>U-17133</u>
DTE Gas Company	Increase	4.7400	4.7400 /Mcf	<u>U-17131</u>
Michigan Gas Utilities Corp	No Change	4.7397	4.7397 /Mcf	<u>U-17130</u>
Presque Isle E. & G. Coop.	No Change	5.4170	5.4170 /Mcf	<u>U-17135</u>
SEMCO Energy Gas Co	No Change	4.7299	4.7299 /Dth	<u>U-17132</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	Decrease	4.4778	5.3690 /Dth	<u>U-17279</u>
Xcel Energy	No Change	4.9745	5.0700 /Dth	<u>U-17134</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2014

Calendar Year of GCR Factors

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	4.6260	4.6260				/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260	4.6260				/Mcf
DTE Gas Company						
- As Currently Billed	4.7100	4.7400				/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400	4.7400				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.7397	4.7397				/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397	4.7397				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170				/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170	5.4170				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7299	4.7299				/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299	4.7299				/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	4.8845	4.4778				/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350	5.6370				/Dth
Xcel Energy						
- As Currently Billed	4.9745	4.9745				/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700	5.0700				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
<u>-U-17133 - As Filed or as Ordered</u>						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
<u>-U-17131 - As Filed or as Ordered</u>						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
<u>-U-17130 - As Filed or as Ordered</u>						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
<u>-U-17135-As Filed or as Ordered</u>						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
<u>-U-17132 - As Filed or as Ordered</u>						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
<u>-U-17279 - As Filed or as Ordered</u>						/Dth
Xcel Energy						
- As Currently Billed						/Dth
<u>-U-17134 - As Filed or as Ordered</u>						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.30470	+ 0.46260	= 0.76730	\$87.23	8%
DTE Gas Company	10.73	0.26639	+ 0.47400	= 0.74039	\$84.77	5%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.47397	= 0.64374	\$76.37	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	38%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.47299	= 0.66161	\$78.08	-4%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.44778	= 0.54462	\$59.46	-27%
Xcel Energy	6.50	0.13700	+ 0.49745	= 0.63445	\$69.95	-14%
AVERAGE RATE	9.81	0.23110	+ 0.48150	= 0.62353	\$81.07	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2014

CONSUMERS ENERGY CORPORATION														February 17, 2014	
	Customer Charge	Interim Refund Residual Balance	PRDM Residual Balance		PRDM Charge		Energy Efficiency Charge		Distribution Charge		GCR Factor		Total Vol Charge		
		see note 4	see note 4		see note 3		see note 2								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)													
Sales											From Utility				
Rate A	10.50	0.00046	0.00038	+	0.01907	+	0.02425	+	0.26054	+	0.46260	=	0.76730		
Rate A-1 Residential Multi-Family	10.50		0.00038	+	0.01907	+	0.02425	+	0.26054	+	0.46260	=	0.76684		
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)															
Customer Choice											From Others				
alternative suppliers	10.50		0.00038	+	0.01907	+	0.02425		0.26054	+	per contract * Including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(\$/month)	(volumetric charges in \$/Mcf metered)												
Sales											From Utility				
General Service - Rate GS-1	11.65	0.15	0.0053	+	0.0058	+	0.1741	+	2.17840	+	4.6260	=	6.9896		
General Service - Rate GS-2	18.70	0.07	0.0053	+	0.0058	+	0.1741	+	1.95900	+	4.6260	=	6.7702		
General Service - Rate GS-3 (0-100,000 Year)	543.90	-0.77	0.0053	+	0.0058	+	0.1741	+	1.01830	+	4.6260	=	5.8295		
General Service - Rate GS-3 (>100,000 Year)	543.90	-0.77	0.0053	+	0.0058	+	0.0096	+	1.01830	+	4.6260	=	5.6650		
Customer Choice											From Others				
alternative suppliers	(see above)								(see above)		per contract				
Transportation		(\$/month)	(volumetric charges in \$/Mcf)												
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.48	7.81	0.0602	+	0.1741	0.8988	per contract							
ST Optional Maximum Rate			7.81	0.0602	+	0.1741	1.5676	per contract							
ST Optional Minimum Rate			7.81	0.0602	+	0.1741	0.2300	per contract							
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.48	7.81	0.0602	+	0.0096	0.8988	per contract							
ST Optional Maximum Rate			7.81	0.0602	+	0.0096	1.5676	per contract							
ST Optional Minimum Rate			7.81	0.0602	+	0.0096	0.2300	per contract							
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	1.53	7.81	0.0602	+	0.1741	0.5859	per contract							
LT Optional Maximum Rate			7.81	0.0602	+	0.1741	0.9418	per contract							
LT Optional Minimum Rate			7.81	0.0602	+	0.1741	0.2300	per contract							
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	1.53	7.81	0.0602	+	0.0096	0.5859	per contract							
LT Optional Maximum Rate			7.81	0.0602	+	0.0096	0.9418	per contract							
LT Optional Minimum Rate			7.81	0.0602	+	0.0096	0.2300	per contract							
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	-8.40	7.81	0.0602	+	0.1741	0.4634	per contract							
XLT Optional Maximum Rate			7.81	0.0602	+	0.1741	0.7768	per contract							
XLT Optional Minimum Rate			7.81	0.0602	+	0.1741	0.1500	per contract							
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	-8.40	7.81	0.0602	+	0.0096	0.4634	per contract							
XLT Optional Maximum Rate			7.81	0.0602	+	0.0096	0.7768	per contract							
XLT Optional Minimum Rate			7.81	0.0602	+	0.0096	0.1500	per contract							
XLT Remote Meter Charge	70.00							per contract							
OTHER	(\$/month)														
Outdoor Gas Light - Rate GL															
up to 2.5 CF/Hr	14.00										includes gas				
2.6 to 4.5 CF/Hr	22.00										includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17281

Note 3: Pilot Revenue Decoupling Mechanism Charge effective for the January 2014 Bill Month through the April 2014 Bill Month per U-17082.

Note 4: Interim Refund Reconciliation Residual Balance Surcharge and PRDM Residual Balance Surcharge effective for February 2014 bill month per U-16855

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more detail for more details

DTE GAS COMPANY									
February 1, 2014									
	Customer Charge	IRM Surcharge	EO Surcharge	RDM Adj. U-17103	RDM Adj. U-17216	2012 UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge
	See note 1	See note 1	See note 3	See note 5	See note 6	See note 4			
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)			
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01896	0.00492	0.00471	-0.01162	0.24942	+ 0.47400	= 0.74039
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01473	-0.06494	-0.00537	-0.00893	0.24942	+ 0.47400	= 0.65891
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01473	-0.005	0.0085	-0.01023	0.24942	+ 0.47400	= 0.73142
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01896	0.01017	0.00819	-0.01162	0.24942	+ 0.47400	= 0.74912
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales								From Utility	
Rate GS-1	26.20	0.67	0.1473	0.0769	0.0611	-0.12	2.4821	+ 4.7400	= 7.3874
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1473			-0.0909	1.9995	+ 4.7400	= 6.7959
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0123			-0.0909	1.9995	+ 4.7400	= 6.6609
Rate S	200.00	7.41	0.1473	0.3779	0.127	-0.0951	1.5968	+ 4.7400	= 6.8939
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation								From Others	
Rate ST (cost based rate)	2030.00	29.86	0.0123			-0.0247	0.7959	per contract	
Maximum (optional)	2030.00	29.86	0.0123			-0.0247	1.3618	per contract	
Minimum (optional)	2030.00	29.86	0.0123			-0.0247	0.2300	per contract	
Rate LT (cost based rate)	3660.00	145.40	0.0123			-0.0058	0.6001	per contract	
Maximum (optional)	3660.00	145.40	0.0123			-0.0058	0.9702	per contract	
Minimum (optional)	3660.00	145.40	0.0123			-0.0058	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0123			-0.0022	0.5068	per contract	
Maximum (optional)	9100.00	500.00	0.0123			-0.0022	0.8336	per contract	
Minimum (optional)	9100.00	500.00	0.0123			-0.0022	0.1800	per contract	
Rate XXLTL (cost based rate)	120000.00	500.00	0.0123			-0.0029	0.1652	per contract	
Maximum (optional)	120000.00	500.00	0.0123			-0.0029	0.8336	per contract	
Minimum (optional)	120000.00	500.00	0.0123			-0.0029	0.0500	per contract	
EUT Exploratory Program			0.0057						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge							10.0000		
Load Balancing Storage Charge							0.25/MMBtu		
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288. Note 4: Effective October 2013, 2012 UETM per case U-17214 Note 5: Effective April, 2013 through March, 2014 per Order in U-17103 Note 6: Effective December 2013, RDM surcharge per U-17216. Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books	for more details						

SEMCO ENERGY GAS COMPANY

February 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	0.42	0.0152	0.17342	+(0.39682	+ 0.07617	= 0.47299	)= 0.66161
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)			
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(3.96820	+ 0.7617	+ 4.7299	)= 7.55260
	(>9 Dth)			0.0001	1.8203	3.96820	0.7617	4.7299	6.55030
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(3.96820	+ 0.7617	+ 4.7299	)= 7.12550
	(>9 Dth)			0.0001	1.3932	3.96820	0.7617	4.7299	6.12320
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(3.96820	+ 0.7617	+ 4.7299	)= 6.83080
	(>9 Dth)			0.0001	1.0985	3.96820	0.7617	4.7299	5.82850
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.76170		
Transportation		Customer Charge			Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge
		(\$/month)			(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth	\$/Dth
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER		(\$/month)							
Gas Light Service		7.00							

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09684	+ 0.44778	= 0.54462
Seasonal	10.00	0.09684	+ 0.44778	= 0.54462
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.52	0.8514	+ 4.4778	= 5.3292
Small Seasonal	19.04	0.8514	+ 4.4778	= 5.3292
Large	102.29	0.6214	+ 4.4778	= 5.0992
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.49745	= 0.63445
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	19.02	0.8450	+ 4.9745	= 5.8195
Firm (304)	482.79	0.8450	+ 4.9745	= 5.8195
Interruptible (303)	126.39	0.3300	+ 4.9745	= 5.3045
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January 1, 2014

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	4.6260	4.6260	/Mcf U-17133
DTE Gas Company	<i>Decrease</i>	4.7100	4.7400	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Increase</i>	4.7397	4.7397	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>Increase</i>	4.7299	4.7299	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.8845	5.2350	/Dth U-17279
Xcel Energy	<i>No Change</i>	4.9745	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2014

Calendar Year of GCR Factors

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	4.6260					/Mcf
<u>-U-17133 - As Filed or as Ordered</u>	4.6260					/Mcf
DTE Gas Company						
- As Currently Billed	4.7100					/Mcf
<u>-U-17131 - As Filed or as Ordered</u>	4.7400					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.7397					/Mcf
<u>-U-17130 - As Filed or as Ordered</u>	4.7397					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170					/Mcf
<u>-U-17135-As Filed or as Ordered</u>	5.4170					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7299					/Dth
<u>-U-17132 - As Filed or as Ordered</u>	4.7299					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	4.8845					/Dth
<u>-U-17279 - As Filed or as Ordered</u>	5.2350					/Dth
Xcel Energy						
- As Currently Billed	4.9745					/Dth
<u>-U-17134 - As Filed or as Ordered</u>	5.0700					/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2014

Calendar Year of GCR Factors

	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-17133 - As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-17131 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-17130 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-17135-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-17132 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17279 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-17134 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January 1, 2014

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.30386	+ 0.46260	= 0.76646	\$87.15	7%
DTE Gas Company	10.73	0.26639	+ 0.47100	= 0.73739	\$84.47	4%
Michigan Gas Utilities Corp	12.00	0.16977	+ 0.47397	= 0.64374	\$76.37	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	37%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18862	+ 0.47299	= 0.66161	\$78.08	-4%
Wisconsin Public Service Corp	5.00	0.09684	+ 0.48845	= 0.58529	\$63.53	-22%
Xcel Energy	6.50	0.13700	+ 0.49745	= 0.63445	\$69.95	-14%
AVERAGE RATE	9.81	0.23098	+ 0.48688	= 0.62813	\$81.59	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2014

	Customer Charge	Energy Efficiency Charge	PRDM Charge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 2	see note 3			
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)	
Sales					From Utility	
Rate A	10.50	0.02425	+ 0.0191	+ 0.26054	+ 0.46260	= 0.76646
Rate A-1 Residential Multi-Family	10.50	0.02425	+ 0.0191	+ 0.26054	+ 0.46260	= 0.76646
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	10.50	0.02425	0.0191	0.26054	+ per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)	
Sales					From Utility	
General Service - Rate GS-1	11.65	0.1741	+ 0.0058	+ 2.17840	+ 4.6260	= 6.9843
General Service - Rate GS-2	18.70	0.1741	+ 0.0058	+ 1.95900	+ 4.6260	= 6.7649
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1741	+ 0.0058	+ 1.01830	+ 4.6260	= 5.8242
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0096	+ 0.0058	+ 1.01830	+ 4.6260	= 5.6597
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1741	0.0602	0.8988	per contract	
ST Optional Maximum Rate		0.1741	0.0602	1.5676	per contract	
ST Optional Minimum Rate		0.1741	0.0602	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0096	0.0602	0.8988	per contract	
ST Optional Maximum Rate		0.0096	0.0602	1.5676	per contract	
ST Optional Minimum Rate		0.0096	0.0602	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1741	0.0602	0.5859	per contract	
LT Optional Maximum Rate		0.1741	0.0602	0.9418	per contract	
LT Optional Minimum Rate		0.1741	0.0602	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0096	0.0602	0.5859	per contract	
LT Optional Maximum Rate		0.0096	0.0602	0.9418	per contract	
LT Optional Minimum Rate		0.0096	0.0602	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1741	0.0602	0.4634	per contract	
XLT Optional Maximum Rate		0.1741	0.0602	0.7768	per contract	
XLT Optional Minimum Rate		0.1741	0.0602	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0096	0.0602	0.4634	per contract	
XLT Optional Maximum Rate		0.0096	0.0602	0.7768	per contract	
XLT Optional Minimum Rate		0.0096	0.0602	0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00				includes gas	
2.6 to 4.5 CF/Hr	22.00				includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after January 1, 2014 Consumers will pay the Energy Efficiency Program Surcharge per U-17281

Note 3: Pilot Revenue Decoupling Mechanism Charge effective for the January 2014 Bill Month through the April 2014 Bill Month per U-17082

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY									
January 1, 2014									
	Customer Charge	IRM Surcharge	EO Surcharge	RDM Adj. U-17103	RDM Adj. U-17216	2012 UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge
	See note 1	See note 1	See note 3	See note 5	See note 6	See note 4			
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)			
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01896	0.00492	0.00471	-0.01162	0.24942	+ 0.47100	= 0.73739
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01473	-0.06494	-0.00537	-0.00893	0.24942	+ 0.47100	= 0.65591
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01473	-0.005	0.0085	-0.01023	0.24942	+ 0.47100	= 0.72842
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01896	0.01017	0.00819	-0.01162	0.24942	+ 0.47100	= 0.74612
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales								From Utility	
Rate GS-1	26.20	0.67	0.1473	0.0769	0.0611	-0.12	2.4821	+ 4.7100	= 7.3574
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1473			-0.0909	1.9995	+ 4.7100	= 6.7659
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0123			-0.0909	1.9995	+ 4.7100	= 6.6309
Rate S	200.00	7.41	0.1473	0.3779	0.127	-0.0951	1.5968	+ 4.7100	= 6.8639
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation								From Others	
Rate ST (cost based rate)	2030.00	29.86	0.0123			-0.0247	0.7959	per contract	
Maximum (optional)	2030.00	29.86	0.0123			-0.0247	1.3618	per contract	
Minimum (optional)	2030.00	29.86	0.0123			-0.0247	0.2300	per contract	
Rate LT (cost based rate)	3660.00	145.40	0.0123			-0.0058	0.6001	per contract	
Maximum (optional)	3660.00	145.40	0.0123			-0.0058	0.9702	per contract	
Minimum (optional)	3660.00	145.40	0.0123			-0.0058	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0123			-0.0022	0.5068	per contract	
Maximum (optional)	9100.00	500.00	0.0123			-0.0022	0.8336	per contract	
Minimum (optional)	9100.00	500.00	0.0123			-0.0022	0.1800	per contract	
Rate XXLTL (cost based rate)	120000.00	500.00	0.0123			-0.0029	0.1652	per contract	
Maximum (optional)	120000.00	500.00	0.0123			-0.0029	0.8336	per contract	
Minimum (optional)	120000.00	500.00	0.0123			-0.0029	0.0500	per contract	
EUT Exploratory Program			0.0057						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge							10.0000		
Load Balancing Storage Charge							0.25/MMBtu		
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective January, 2014 Customers will pay the EO surcharge approved in U-17288. Note 4: Effective October 2013, 2012 UETM per case U-17214 Note 5: Effective April, 2013 through March, 2014 per Order in U-17103 Note 6: Effective December 2013, RDM surcharge per U-17216. Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books	for more details						

MICHIGAN GAS UTILITIES CORP.									
									January 1, 2014
	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge				Total Vol Charge
		see note 1	see note 3	see note 4					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	12.00	0.01461	-0.00304	-0.00125	0.15945	+(0.40949	+ 0.06448	= 0.47397	)= 0.64374
Residential Multi-Family									
Meter Class I	12.00	0.01461	-0.00198	0.01958	0.12243	+(0.40949	+ 0.06448	= 0.47397	)= 0.62862
Gas Light Rate-Residential					0.15945	+(0.40949	+ 0.06448	= 0.47397	)= 0.63342
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.32800			From Others	Reservation Charge		
						+ per contract	+ 0.06448		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	33.00	3.31	-0.02983	1.95840	1.59450	+(4.0949	+ 0.6448	= 4.7397	)= 6.33420
Large General Service	400.00	162.31	-0.02195		1.03220	+(4.0949	+ 0.6448	= 4.7397	)= 5.77190
GasLight Rate-Commercial		5.29			1.59450	+(4.0949	+ 0.6448	= 4.7397	)= 6.33420
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others	Reservation Charge		
						+ per contract	+ 0.64480		
Transportation		\$/mo	Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
TR-1	850.00	35.56	886	-0.01381	0.7777	0.6277			
TR-2	2,250.00	112.27	2,362	-0.00622	0.4796	0.3296			
TR-3	3,050.00	385.46	3,435	-0.00328	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on October 1, 2013 through September 30, 2014. Revenue Decoupling Mechanism adjustment per U-17221

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

January 1, 2014

		Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
			see note 2	see note 1					
RESIDENTIAL SERVICE		(\$/month)				(volumetric charges in \$/Therm metered)			
Sales						Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service		11.50	0.42	0.0152	0.17342	+(0.39682	+ 0.07617	= 0.47299	)= 0.66161
<u>Customer Choice-Residential alternative suppliers</u>		11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE						(volumetric charges in \$/Dth metered)			
Sales			(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	(0-9 Dth)	11.50	0.94	1.0024	1.8203	+(3.96820	+ 0.7617	+ 4.7299	)= 7.55260
	(>9 Dth)			0.0001	1.8203	3.96820	0.7617	4.7299	6.55030
General Service (GS-2)	(0-9 Dth)	35.00	5.91	1.0024	1.3932	+(3.96820	+ 0.7617	+ 4.7299	)= 7.12550
	(>9 Dth)			0.0001	1.3932	3.96820	0.7617	4.7299	6.12320
General Service (GS-3)	(0-9 Dth)	105.00	28.03	1.0024	1.0985	+(3.96820	+ 0.7617	+ 4.7299	)= 6.83080
	(>9 Dth)			0.0001	1.0985	3.96820	0.7617	4.7299	5.82850
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
						per contract	+ 0.76170		
Transportation		Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	(0-2500 Dth)	350.00	77.63	0.0592	75.00	per contract	0.9068	0.7568	0.0344
	(>2500 Dth)			0.0001			0.9068	0.7568	0.0344
TR-2	(0-2500 Dth)	1590.00	399.06	0.0592	75.00	per contract	0.6279	0.4779	0.0344
	(>2500 Dth)			0.0001			0.6279	0.4779	0.0344
TR-3	(0-2500 Dth)	7290.00	500.00	0.0592	75.00	per contract	0.4031	0.2531	0.0344
	(>2500 Dth)			0.0001			0.4031	0.2531	0.0344
OTHER		(\$/month)							
Gas Light Service		7.00							

Note 1: Effective for bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17362.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2014

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09684 +	0.48845 =	0.58529
Seasonal	10.00	0.09684 +	0.48845 =	0.58529
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.52	0.8514 +	4.8845 =	5.7359
Small Seasonal	19.04	0.8514 +	4.8845 =	5.7359
Large	102.29	0.6214 +	4.8845 =	5.5059
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13700 +	0.49745 =	0.63445
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302)	19.02	0.8450 +	4.9745 =	5.8195
Firm (304)	482.79	0.8450 +	4.9745 =	5.8195
Interruptible (303)	126.39	0.3300 +	4.9745 =	5.3045
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after January 1, 2014, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17356

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.5473	4.6260 /Mcf	<u>U-17133</u>
DTE Gas Company	<i>No Change</i>	4.7400	4.7400 /Mcf	<u>U-17131</u>
Michigan Gas Utilities Corp	<i>No Change</i>	4.7260	4.7417 /Mcf	<u>U-17130</u>
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170 /Mcf	<u>U-17135</u>
SEMCO Energy Gas Co	<i>Decrease</i>	4.6000	4.7299 /Dth	<u>U-17132</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	4.7917	5.2020 /Dth	<u>U-17279</u>
Xcel Energy	<i>No Change</i>	4.9745	5.0700 /Dth	<u>U-17134</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-17132 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13 \$/unit	Aug-13 \$/unit	Sep-13 \$/unit	Oct-13 \$/unit	Nov-13 \$/unit	Dec-13 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.7098	4.6260	4.5833	4.6260	4.5864	4.5473	/Mcf
-U-17133 - As Filed or as Ordered	4.7098	4.6260	4.6260	4.6260	4.6260	4.6260	/Mcf
DTE Gas Company							
- As Currently Billed	4.7700	4.7400	4.7400	4.7400	4.7400	4.7400	/Mcf
-U-17131 - As Filed or as Ordered	4.7700	4.7400	4.7400	4.7400	4.7400	4.7400	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.6428	4.5650	4.5247	4.7260	4.7260	4.7260	/Mcf
-U-17130 - As Filed or as Ordered	4.6428	4.5650	4.7260	4.7436	4.7417	4.7417	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	5.4170	5.4170	5.4170	/Mcf
-U-17135-As Filed or as Ordered	5.4170	5.4170	5.4170	5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.8300	4.7299	4.7299	4.7299	4.7299	4.6000	/Dth
-U-17132 - As Filed or as Ordered	4.8784	4.7299	4.7299	4.7299	4.7299	4.7299	/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.9388	4.6987	4.5379	4.3864	4.9882	4.7917	/Dth
-U-17060 - As Filed or as Ordered	4.9388	4.9388	4.9388	4.9388			/Dth
-U-17279 - As Filed or as Ordered					5.2020	5.2020	/Dth
Xcel Energy							
- As Currently Billed	5.0382	5.0382	5.0382	4.9745	4.9745	4.9745	/Dth
-U-17134 - As Filed or as Ordered	5.0700	5.0700	5.0700	5.0700	5.0700	5.0700	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.29084	+ 0.45473	= 0.74557	\$85.06	5%
DTE Gas Company	10.73	0.26585	+ 0.47400	= 0.73985	\$84.72	5%
Michigan Gas Utilities Corp	11.00	0.17369	+ 0.47260	= 0.64629	\$75.63	-7%
Presque Isle E. & G. Coop.	12.00	0.4544	+ 0.5417	= 0.99610	\$111.61	38%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18452	+ 0.46000	= 0.64452	\$76.37	-6%
Wisconsin Public Service Corp	5.00	0.10074	+ 0.47917	= 0.57991	\$62.99	-22%
Xcel Energy	6.50	0.13700	+ 0.49745	= 0.63445	\$69.95	-14%
AVERAGE RATE	9.66	0.22958	+ 0.48281	= 0.62334	\$80.90	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2013

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)	
Sales					From Utility	
Rate A	10.50	0.0303	+	0.26054	+ 0.45473	= 0.74557
Rate A-1 Residential Multi-Family	10.50	0.0303	+	0.26054	+ 0.45473	= 0.74557
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
<u>alternative suppliers</u>	10.50	0.0303		0.26054	+ per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)	
Sales					From Utility	
General Service - Rate GS-1	11.65	0.2219	+	2.17840	+ 4.5473	= 6.9476
General Service - Rate GS-2	18.70	0.2219	+	1.95900	+ 4.5473	= 6.7282
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.2219	+	1.01830	+ 4.5473	= 5.7875
General Service - Rate GS-3 (>100,000 Year)	543.90	0.011	+	1.01830	+ 4.5473	= 5.5766
Customer Choice					From Others	
<u>alternative suppliers</u>	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.2219		0.8988	per contract	
ST Optional Maximum Rate		0.2219		1.5676	per contract	
ST Optional Minimum Rate		0.2219		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.011		0.8988	per contract	
ST Optional Maximum Rate		0.011		1.5676	per contract	
ST Optional Minimum Rate		0.011		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.2219		0.5859	per contract	
LT Optional Maximum Rate		0.2219		0.9418	per contract	
LT Optional Minimum Rate		0.2219		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.011		0.5859	per contract	
LT Optional Maximum Rate		0.011		0.9418	per contract	
LT Optional Minimum Rate		0.011		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.2219		0.4634	per contract	
XLT Optional Maximum Rate		0.2219		0.7768	per contract	
XLT Optional Minimum Rate		0.2219		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.011		0.4634	per contract	
XLT Optional Maximum Rate		0.011		0.7768	per contract	
XLT Optional Minimum Rate		0.011		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after June 1, 2013 Consumers will pay the Energy Efficiency Program Surcharge per U-16736

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY										December 1, 2013	
	Customer Charge	IRM Surcharge	EO Surcharge	RDM Adj. U-17103	RDM Adj. U-17216	2012 UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge		
	See note 1		see note 3	see note 5	see note 6	see note 4					
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Ccf metered)							
Sales										From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01842	0.00492	0.00471	-0.01162	0.24942	+	0.47400	= 0.73985	
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01426	-0.06494	-0.00537	-0.00893	0.24942	+	0.47400	= 0.65844	
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01426	-0.005	0.0085	-0.01023	0.24942	+	0.47400	= 0.73095	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01842	0.01017	0.00819	-0.01162	0.24942	+	0.47400	= 0.74858	
Customer Choice									From Others		
alternative suppliers	(see above)							(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Mcf metered)							
Sales										From Utility	
Rate GS-1	26.20	0.67	0.1426	0.0769	0.0611	-0.12	2.4821	+	4.7400	= 7.3827	
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1426			-0.0909	1.9995	+	4.7400	= 6.7912	
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0102			-0.0909	1.9995	+	4.7400	= 6.6588	
Rate S	200.00	7.41	0.1426	0.3779	0.127	-0.0951	1.5968	+	4.7400	= 6.8892	
Customer Choice									From Others		
alternative suppliers	(see above)							(see above)	+	per contract	
Transportation										From Others	
Rate ST (cost based rate)	2030.00	29.86	0.0102			-0.0247	0.7959			per contract	
Maximum (optional)	2030.00	29.86	0.0102			-0.0247	1.3618			per contract	
Minimum (optional)	2030.00	29.86	0.0102			-0.0247	0.2300			per contract	
Rate LT (cost based rate)	3660.00	145.40	0.0102			-0.0058	0.6001			per contract	
Maximum (optional)	3660.00	145.40	0.0102			-0.0058	0.9702			per contract	
Minimum (optional)	3660.00	145.40	0.0102			-0.0058	0.2300			per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0102			-0.0022	0.5068			per contract	
Maximum (optional)	9100.00	500.00	0.0102			-0.0022	0.8336			per contract	
Minimum (optional)	9100.00	500.00	0.0102			-0.0022	0.1800			per contract	
Rate XXLTL (cost based rate)	120000.00	500.00	0.0102			-0.0029	0.1652			per contract	
Maximum (optional)	120000.00	500.00	0.0102			-0.0029	0.8336			per contract	
Minimum (optional)	120000.00	500.00	0.0102			-0.0029	0.0500			per contract	
EUT Exploratory Program			0.0036								
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge							10.0000				
Load Balancing Storage Charge							0.25/MMBtu				
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.											
Note 4: Effective October 2013, 2012 UETM per case U-17214											
Note 5: Effective April, 2013 through March, 2014 per Order in U-17103											
Note 6: Effective December 2013, RDM surcharge per U-17216.											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference: see Rate Books for more details											

MICHIGAN GAS UTILITIES CORP.

December 1, 2013

	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge					Total Vol Charge
		see note 1	see note 3	see note 4						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)					
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.01811	-0.00304	-0.00125	0.15987	+(0.40812	+ 0.06448	= 0.47260	)=	0.64629
Residential Multi-Family										
<i>Meter Class I</i>	11.00	0.01811	-0.00198	0.01958	0.11929	+(0.40812	+ 0.06448	= 0.47260	)=	0.62761
<i>Meter Class II</i>	33.00	0.01811	-0.00189	0.01958	0.11929	+(0.40812	+ 0.06448	= 0.47260	)=	0.62770
<i>Meter Class III</i>	88.00	0.01811	-0.00147	0.01906	0.10629	+(0.40812	+ 0.06448	= 0.47260	)=	0.61459
<i>Meter Class IV</i>	143.00	0.01811	-0.00097	0.01906	0.10629	+(0.40812	+ 0.06448	= 0.47260	)=	0.61509
Gas Light Rate-Residential					0.15987	+(0.40812	+ 0.06448	= 0.47260	)=	0.63247
Customer Choice-Residential						From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)	-0.32800			+ per contract	+ 0.06448			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)					
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.17	-0.02983	1.95840	1.18760	+(4.0812	+ 0.6448	= 4.7260	)=	5.91360
Large General Service	400.00	215.45	-0.02195		1.00940	+(4.0812	+ 0.6448	= 4.7260	)=	5.73540
GasLight Rate-Commercial		10.33			1.18760	+(4.0812	+ 0.6448	= 4.7260	)=	5.91360
Customer Choice-Comm. & Ind.						From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)				+ per contract	+ 0.64480			
Transportation		\$/mo	Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)				
TR-1	825.00	39.27	864	-0.01381	0.7777	0.6277				
TR-2	2,250.00	119.34	2,369	-0.00622	0.4796	0.3296				
TR-3	3,050.00	408.71	3,459	-0.00328	0.4651	0.3151				

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on an after October 1, 2013. Revenue Decoupling Mechanism adjustment per U-17221

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

December 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.0111	0.17342	+(0.38383	+ 0.07617	= 0.46000	)= 0.64452
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	5.84	1.8203	+(3.83830	+ 0.7617	+ 4.6000	)= 6.42030
General Service (GS-2)	35.00	5.91	5.84	1.3932	+(3.83830	+ 0.7617	+ 4.6000	)= 5.99320
General Service (GS-3)	105.00	28.03	5.84	1.0985	+(3.83830	+ 0.7617	+ 4.6000	)= 5.69850
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth
TR-1	350.00	77.63	85.97	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	85.97	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	85.97	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17292.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10074	+ 0.47917	= 0.57991
Seasonal	10.00	0.10074	+ 0.47917	= 0.57991
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.48	0.8514	+ 4.7917	= 5.6431
Small Seasonal	18.96	0.8514	+ 4.7917	= 5.6431
Large	108.05	0.6214	+ 4.7917	= 5.4131
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.49745	= 0.63445
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302)	19.02	0.8450	+ 4.9745	= 5.8195
Firm (304)	482.79	0.8450	+ 4.9745	= 5.8195
Interruptible (303)	126.39	0.3300	+ 4.9745	= 5.3045
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.5864	4.6260	/Mcf U-17133
DTE Gas Company	<i>No Change</i>	4.7400	4.7400	/Mcf U-17131
Michigan Gas Utilities Corp	<i>No Change</i>	4.7260	4.7417	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>No Change</i>	4.7299	4.7299	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.9882	5.2020	/Dth U-17279
Xcel Energy	<i>No Change</i>	4.9745	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-17132 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13 \$/unit	Aug-13 \$/unit	Sep-13 \$/unit	Oct-13 \$/unit	Nov-13 \$/unit	Dec-13 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	4.7098	4.6260	4.5833	4.6260	4.5864		/Mcf
-U-17133 - As Filed or as Ordered	4.7098	4.6260	4.6260	4.6260	4.6260		/Mcf
DTE Gas Company							
- As Currently Billed	4.7700	4.7400	4.7400	4.7400	4.7400		/Mcf
-U-17131 - As Filed or as Ordered	4.7700	4.7400	4.7400	4.7400	4.7400		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.6428	4.5650	4.5247	4.7260	4.7260		/Mcf
-U-17130 - As Filed or as Ordered	4.6428	4.5650	4.7260	4.7436	4.7417		/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.4170	5.4170	5.4170	5.4170	5.4170		/Mcf
-U-17135-As Filed or as Ordered	5.4170	5.4170	5.4170	5.4170	5.4170		/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.8300	4.7299	4.7299	4.7299	4.7299		/Dth
-U-17132 - As Filed or as Ordered	4.8784	4.7299	4.7299	4.7299	4.7299		/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.9388	4.6987	4.5379	4.3864	4.9882		/Dth
-U-17060 - As Filed or as Ordered	4.9388	4.9388	4.9388	4.9388			/Dth
-U-17279 - As Filed or as Ordered					5.2020		/Dth
Xcel Energy							
- As Currently Billed	5.0382	5.0382	5.0382	4.9745	4.9745		/Dth
-U-17134 - As Filed or as Ordered	5.0700	5.0700	5.0700	5.0700	5.0700		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.29084	+ 0.45864	= 0.74948	\$85.45	5%
DTE Gas Company	10.73	0.26114	+ 0.47400	= 0.73514	\$84.24	4%
Michigan Gas Utilities Corp	11.00	0.17369	+ 0.47260	= 0.64629	\$75.63	-7%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	37%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18452	+ 0.47299	= 0.65751	\$77.67	-5%
Wisconsin Public Service Corp	5.00	0.10074	+ 0.49882	= 0.59956	\$64.96	-20%
Xcel Energy	6.50	0.13700	+ 0.49745	= 0.63445	\$69.95	-14%
AVERAGE RATE	9.66	0.22890	0.48803	0.62732	\$81.36	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2013

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)	
Sales					From Utility	
Rate A	10.50	0.0303	+	0.26054	+ 0.45864	= 0.74948
Rate A-1 Residential Multi-Family	10.50	0.0303	+	0.26054	+ 0.45864	= 0.74948
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
<u>alternative suppliers</u>	10.50	0.0303		0.26054	+ per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)	
Sales					From Utility	
General Service - Rate GS-1	11.65	0.2219	+	2.17840	+ 4.5864	= 6.9867
General Service - Rate GS-2	18.70	0.2219	+	1.95900	+ 4.5864	= 6.7673
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.2219	+	1.01830	+ 4.5864	= 5.8266
General Service - Rate GS-3 (>100,000 Year)	543.90	0.011	+	1.01830	+ 4.5864	= 5.6157
Customer Choice					From Others	
<u>alternative suppliers</u>	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.2219		0.8988	per contract	
ST Optional Maximum Rate		0.2219		1.5676	per contract	
ST Optional Minimum Rate		0.2219		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.011		0.8988	per contract	
ST Optional Maximum Rate		0.011		1.5676	per contract	
ST Optional Minimum Rate		0.011		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.2219		0.5859	per contract	
LT Optional Maximum Rate		0.2219		0.9418	per contract	
LT Optional Minimum Rate		0.2219		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.011		0.5859	per contract	
LT Optional Maximum Rate		0.011		0.9418	per contract	
LT Optional Minimum Rate		0.011		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.2219		0.4634	per contract	
XLT Optional Maximum Rate		0.2219		0.7768	per contract	
XLT Optional Minimum Rate		0.2219		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.011		0.4634	per contract	
XLT Optional Maximum Rate		0.011		0.7768	per contract	
XLT Optional Minimum Rate		0.011		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after June 1, 2013 Consumers will pay the Energy Efficiency Program Surcharge per U-16736

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY							November 1, 2013		
	Customer Charge	IRM Surcharge	EO Surcharge	RDM Adj. U-17103	2012 UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge	
	See note 1		see note 3	see note 5	see note 4				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales							From Utility		
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01842	0.00492	-0.01162	0.24942	+	0.47400	= 0.73514
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01426	-0.06494	-0.00893	0.24942	+	0.47400	= 0.66381
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01426	-0.005	-0.01023	0.24942	+	0.47400	= 0.72245
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01842	0.01017	-0.01162	0.24942	+	0.47400	= 0.74039
Customer Choice							From Others		
alternative suppliers	(see above)					(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales							From Utility		
Rate GS-1	26.20	0.67	0.1426	0.0769	-0.12	2.4821	+	4.7400	= 7.3216
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1426		-0.0909	1.9995	+	4.7400	= 6.7912
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0102		-0.0909	1.9995	+	4.7400	= 6.6588
Rate S	200.00	7.41	0.1426	0.3779	-0.0951	1.5968	+	4.7400	= 6.7622
Customer Choice							From Others		
alternative suppliers	(see above)					(see above)	per contract		
Transportation							From Others		
Rate ST (cost based rate)	2030.00	29.86	0.0102		-0.0247	0.7959	per contract		
Maximum (optional)	2030.00	29.86	0.0102		-0.0247	1.3618	per contract		
Minimum (optional)	2030.00	29.86	0.0102		-0.0247	0.2300	per contract		
Rate LT (cost based rate)	3660.00	145.40	0.0102		-0.0058	0.6001	per contract		
Maximum (optional)	3660.00	145.40	0.0102		-0.0058	0.9702	per contract		
Minimum (optional)	3660.00	145.40	0.0102		-0.0058	0.2300	per contract		
Rate XLT (cost based rate)	9100.00	500.00	0.0102		-0.0022	0.5068	per contract		
Maximum (optional)	9100.00	500.00	0.0102		-0.0022	0.8336	per contract		
Minimum (optional)	9100.00	500.00	0.0102		-0.0022	0.1800	per contract		
Rate XXLTL (cost based rate)	120000.00	500.00	0.0102		-0.0029	0.1652	per contract		
Maximum (optional)	120000.00	500.00	0.0102		-0.0029	0.8336	per contract		
Minimum (optional)	120000.00	500.00	0.0102		-0.0029	0.0500	per contract		
EUT Exploratory Program			0.0036						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge						10.0000			
Load Balancing Storage Charge						0.25/MMBtu			
Note 1: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290. Note 4: Effective October 2013, 2012 UETM per case U-17214 Note 5: Effective April, 2013 through March, 2014 per Order in U-17103 Note 6: Effective for May thru July 2013 for GS-2 and S, May only for GS-1 Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st									
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books	for more details						

MICHIGAN GAS UTILITIES CORP.									
November 1, 2013									
	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge				
		see note 1	see note 3	see note 4					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	Total Vol Charge
Residential Service	11.00	0.01811	-0.00304	-0.00125	0.15987	+(0.40812	+ 0.06448	= 0.47260	)= 0.64629
Residential Multi-Family									
Meter Class I	11.00	0.01811	-0.00198	0.01958	0.11929	+(0.40812	+ 0.06448	= 0.47260	)= 0.62761
Meter Class II	33.00	0.01811	-0.00189	0.01958	0.11929	+(0.40812	+ 0.06448	= 0.47260	)= 0.62770
Meter Class III	88.00	0.01811	-0.00147	0.01906	0.10629	+(0.40812	+ 0.06448	= 0.47260	)= 0.61459
Meter Class IV	143.00	0.01811	-0.00097	0.01906	0.10629	+(0.40812	+ 0.06448	= 0.47260	)= 0.61509
Gas Light Rate-Residential					0.15987	+(0.40812	+ 0.06448	= 0.47260	)= 0.63247
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.32800			From Others + per contract	Reservation Charge 0.06448		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	Total Vol Charge
Small General Service	33.00	4.17	-0.02983	1.95840	1.18760	+(4.0812	+ 0.6448	= 4.7260	)= 5.91360
Large General Service	400.00	215.45	-0.02195		1.00940	+(4.0812	+ 0.6448	= 4.7260	)= 5.73540
GasLight Rate-Commercial		10.33			1.18760	+(4.0812	+ 0.6448	= 4.7260	)= 5.91360
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others + per contract	Reservation Charge 0.64480		
Transportation	Customer Charge	EO Charge	Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
		\$/mo							
TR-1	825.00	39.27	864	-0.01381	0.7777	0.6277			
TR-2	2,250.00	119.34	2,369	-0.00622	0.4796	0.3296			
TR-3	3,050.00	408.71	3,459	-0.00328	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on an after October 1, 2013. Revenue Decoupling Mechanism adjustment per U-17221

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

November 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.0111	0.17342	+(0.39682	+ 0.07617	= 0.47299	)= 0.65751
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	5.84	1.8203	+(3.96820	+ 0.7617	+ 4.7299	)= 6.55020
General Service (GS-2)	35.00	5.91	5.84	1.3932	+(3.96820	+ 0.7617	+ 4.7299	)= 6.12310
General Service (GS-3)	105.00	28.03	5.84	1.0985	+(3.96820	+ 0.7617	+ 4.7299	)= 5.82840
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	77.63	85.97	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	85.97	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	85.97	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17292.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10074	+ 0.49882	= 0.59956
Seasonal	10.00	0.10074	+ 0.49882	= 0.59956
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.48	0.8514	+ 4.9882	= 5.8396
Small Seasonal	18.96	0.8514	+ 4.9882	= 5.8396
Large	108.05	0.6214	+ 4.9882	= 5.6096
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.49745	= 0.63445
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.9745	= 5.8195
Firm (304?)	482.79	0.8450	+ 4.9745	= 5.8195
Interruptible	126.39	0.3300	+ 4.9745	= 5.3045
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	4.6260	4.6260	/Mcf U-17133
DTE Gas Company	<i>No Change</i>	4.7400	4.7400	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Increase</i>	4.7260	4.7436	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>No Change</i>	4.7299	4.7299	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	4.3864	4.9388	/Dth U-17060
Xcel Energy	<i>Decrease</i>	4.9745	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-17132 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13 \$/unit	Aug-13 \$/unit	Sep-13 \$/unit	Oct-13 \$/unit	Nov-13 \$/unit	Dec-13 \$/unit
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Company						
- As Currently Billed	4.7098	4.6260	4.5833	4.6260		/Mcf
-U-17133 - As Filed or as Ordered	4.7098	4.6260	4.6260	4.6260		/Mcf
DTE Gas Company						
- As Currently Billed	4.7700	4.7400	4.7400	4.7400		/Mcf
-U-17131 - As Filed or as Ordered	4.7700	4.7400	4.7400	4.7400		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6428	4.5650	4.5247	4.7260		/Mcf
-U-17130 - As Filed or as Ordered	4.6428	4.5650	4.7260	4.7436		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170	5.4170		/Mcf
-U-17135-As Filed or as Ordered	5.4170	5.4170	5.4170	5.4170		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.8300	4.7299	4.7299	4.7299		/Dth
-U-17132 - As Filed or as Ordered	4.8784	4.7299	4.7299	4.7299		/Dth
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
Wisc Public Service Corp						
- As Currently Billed	4.9388	4.6987	4.5379	4.3864		/Dth
-U-17060 - As Filed or as Ordered	4.9388	4.9388	4.9388	4.9388		/Dth
Xcel Energy						
- As Currently Billed	5.0382	5.0382	5.0382	4.9745		/Dth
-U-17134 - As Filed or as Ordered	5.0700	5.0700	5.0700	5.0700		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Co	10.50	0.24553	+ 0.46260	= 0.70813	\$81.31	#REF!
DTE Gas Company	#REF!	0.25705	+ 0.47400	= 0.73105	#REF!	#REF!
Michigan Gas Utilities Corp	11.00	0.17369	+ 0.47260	= 0.64629	\$75.63	#REF!
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	#REF!
Superior Energy Company *						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18452	+ 0.47299	= 0.65751	\$77.67	#REF!
Wisconsin Public Service Corp	5.00	0.10074	+ 0.43864	= 0.53938	\$58.94	#REF!
Xcel Energy	6.50	0.13700	+ 0.49745	= 0.63445	\$69.95	#REF!
AVERAGE RATE	#REF!	0.22185	0.48000	0.61411	#REF!	#REF!

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2013

	Customer Charge	Energy Efficiency Charge	Residual Balances Reconciliation	LIEEF Surcharge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 2	see note 3	see note 3			
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)	
Sales						From Utility	
Rate A	10.50	0.0303		-0.04531	+ 0.26054	+ 0.46260	= 0.70813
Rate A-1 Residential Multi-Family	10.50	0.0303		-0.04531	+ 0.26054	+ 0.46260	= 0.70813
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)							
Customer Choice						From Others	
<u>alternative suppliers</u>	10.50	0.0303			0.26054	+ per contract	
						* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)	
Sales						From Utility	
General Service - Rate GS-1	11.65	0.2219		-0.0637	+ 2.17840	+ 4.6260	= 6.9626
General Service - Rate GS-2	18.70	0.2219		-0.0637	+ 1.95900	+ 4.6260	= 6.7432
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.2219		-0.0637	+ 1.01830	+ 4.6260	= 5.8025
General Service - Rate GS-3 (>100,000 Year)	543.90	0.011		-0.0637	+ 1.01830	+ 4.6260	= 5.5916
Customer Choice						From Others	
<u>alternative suppliers</u>	(see above)				(see above)	per contract	
Transportation						From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.2219	0.0079		0.8988	per contract	
ST Optional Maximum Rate		0.2219	0.0079		1.5676	per contract	
ST Optional Minimum Rate		0.2219	0.0079		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.011	0.0079		0.8988	per contract	
ST Optional Maximum Rate		0.011	0.0079		1.5676	per contract	
ST Optional Minimum Rate		0.011	0.0079		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.2219	0.0079		0.5859	per contract	
LT Optional Maximum Rate		0.2219	0.0079		0.9418	per contract	
LT Optional Minimum Rate		0.2219	0.0079		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.011	0.0079		0.5859	per contract	
LT Optional Maximum Rate		0.011	0.0079		0.9418	per contract	
LT Optional Minimum Rate		0.011	0.0079		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.2219	0.0079		0.4634	per contract	
XLT Optional Maximum Rate		0.2219	0.0079		0.7768	per contract	
XLT Optional Minimum Rate		0.2219	0.0079		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.011	0.0079		0.4634	per contract	
XLT Optional Maximum Rate		0.011	0.0079		0.7768	per contract	
XLT Optional Minimum Rate		0.011	0.0079		0.1500	per contract	
XLT Remote Meter Charge	70.00					per contract	
OTHER	(\$/month)						
Outdoor Gas Light - Rate GL							
up to 2.5 CF/Hr	14.00					includes gas	
2.6 to 4.5 CF/Hr	22.00					includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after June 1, 2013 Consumers will pay the Energy Efficiency Program Surcharge per U-16736

Note 3: Effective for October 2013 bill month per case No. U-17174

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY									
October 1, 2013									
	Customer Charge	IRM Surchage	EO Surchage	RDM Adj. U-17103	2011 UETM Adj.	2012 UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge
	See note 7		see note 3	see note 5	see note 1	see note 4			
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	0.01842	0.00492	-0.00409	-0.01162	0.24942	+	0.47400 = 0.73105
Residential Multi Family Rate 2A Class 1	10.50	0.98	0.01426	-0.06494	-0.00439	-0.00893	0.24942	+	0.47400 = 0.65942
Residential Multi Family Rate 2A Class 2	26.20	0.98	0.01426	-0.005	-0.00236	-0.01023	0.24942	+	0.47400 = 0.72009
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	0.01842	0.01017	-0.00409	-0.01162	0.24942	+	0.47400 = 0.73630
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales								From Utility	
Rate GS-1	26.20	0.67	0.1426	0.0769	-0.0617	-0.12	2.4821	+	4.7400 = 7.2599
Rate GS-2 (<100,000 Mcf)	590.00	0.67	0.1426		-0.0538	-0.0909	1.9995	+	4.7400 = 6.7374
Rate GS-2 (>100,000 Mcf)	590.00	0.67	0.0102		-0.0538	-0.0909	1.9995	+	4.7400 = 6.6050
Rate S	200.00	7.41	0.1426	0.3779	-0.1154	-0.0951	1.5968	+	4.7400 = 6.6468
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	+	per contract
Transportation								From Others	
Rate ST (cost based rate)	2030.00	29.86	0.0102		-0.0098	-0.0247	0.7959	per contract	
Maximum (optional)	2030.00	29.86	0.0102		-0.0098	-0.0247	1.3618	per contract	
Minimum (optional)	2030.00	29.86	0.0102		-0.0098	-0.0247	0.2300	per contract	
Rate LT (cost based rate)	3660.00	145.40	0.0102		0.0042	-0.0058	0.6001	per contract	
Maximum (optional)	3660.00	145.40	0.0102		0.0042	-0.0058	0.9702	per contract	
Minimum (optional)	3660.00	145.40	0.0102		0.0042	-0.0058	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	500.00	0.0102		0.0281	-0.0022	0.5068	per contract	
Maximum (optional)	9100.00	500.00	0.0102		0.0281	-0.0022	0.8336	per contract	
Minimum (optional)	9100.00	500.00	0.0102		0.0281	-0.0022	0.1800	per contract	
Rate XXLTL (cost based rate)	120000.00	500.00	0.0102		-0.0344	-0.0029	0.1652	per contract	
Maximum (optional)	120000.00	500.00	0.0102		-0.0344	-0.0029	0.8336	per contract	
Minimum (optional)	120000.00	500.00	0.0102		-0.0344	-0.0029	0.0500	per contract	
EUT Exploratory Program			0.0036						
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge							10.0000		
Load Balancing Storage Charge							0.25/MMBtu		
Note 1: The 2011 UETM is effective from November 1, 2012. Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290. Note 4: Effective October 2013, 2012 UETM per case U-17214 Note 5: Effective April, 2013 through March, 2014 per Order in U-17103 Note 6: Effective for May thru July 2013 for GS-2 and S, May only for GS-1 Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st									
Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill									
Rates Reference:	see	Rate Books	for more details						

MICHIGAN GAS UTILITIES CORP.									
									October 1, 2013
	Customer Charge	EO Charge	UETM Adjustment	RDM Adjustment	Distribution Charge				
		see note 1	see note 3	see note 4					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	Total Vol Charge
Residential Service	11.00	0.01811	-0.00304	-0.00125	0.15987	+(0.40812	+ 0.06448	= 0.47260	)= 0.64629
Residential Multi-Family									
Meter Class I	11.00	0.01811	-0.00198	0.01958	0.11929	+(0.40812	+ 0.06448	= 0.47260	)= 0.62761
Meter Class II	33.00	0.01811	-0.00189	0.01958	0.11929	+(0.40812	+ 0.06448	= 0.47260	)= 0.62770
Meter Class III	88.00	0.01811	-0.00147	0.01906	0.10629	+(0.40812	+ 0.06448	= 0.47260	)= 0.61459
Meter Class IV	143.00	0.01811	-0.00097	0.01906	0.10629	+(0.40812	+ 0.06448	= 0.47260	)= 0.61509
Gas Light Rate-Residential					0.15987	+(0.40812	+ 0.06448	= 0.47260	)= 0.63247
Customer Choice-Residential alternative suppliers	(see above)	(see above)	-0.32800			From Others + per contract	Reservation Charge 0.06448		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)				
Sales						Gas Costs From Utility	Reservation Charge	GCR Factor	Total Vol Charge
Small General Service	33.00	4.17	-0.02983	1.95840	1.18760	+(4.0812	+ 0.6448	= 4.7260	)= 5.91360
Large General Service	400.00	215.45	-0.02195		1.00940	+(4.0812	+ 0.6448	= 4.7260	)= 5.73540
GasLight Rate-Commercial		10.33			1.18760	+(4.0812	+ 0.6448	= 4.7260	)= 5.91360
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)				From Others + per contract	Reservation Charge 0.64480		
Transportation	Customer Charge	EO Charge	Additional Meters	UETM Adjustment	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
		\$/mo							
TR-1	825.00	39.27	864	-0.01381	0.7777	0.6277			
TR-2	2,250.00	119.34	2,369	-0.00622	0.4796	0.3296			
TR-3	3,050.00	408.71	3,459	-0.00328	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 3: Effective for bills rendered on an after October 1, 2013. Uncollectible Expense Tracking Mechanism adjustment per U-17222

Note 4: Effective for bills rendered on an after October 1, 2013. Revenue Decoupling Mechanism adjustment per U-17221

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO ENERGY GAS COMPANY

October 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.0111	0.17342	+(0.39682	+ 0.07617	= 0.47299	)= 0.65751
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	5.84	1.8203	+(3.96820	+ 0.7617	+ 4.7299	)= 6.55020
General Service (GS-2)	35.00	5.91	5.84	1.3932	+(3.96820	+ 0.7617	+ 4.7299	)= 6.12310
General Service (GS-3)	105.00	28.03	5.84	1.0985	+(3.96820	+ 0.7617	+ 4.7299	)= 5.82840
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	77.63	85.97	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	85.97	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	85.97	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17292.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10074	+ 0.43864	= 0.53938
Seasonal	10.00	0.10074	+ 0.43864	= 0.53938
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.48	0.8514	+ 4.3864	= 5.2378
Small Seasonal	18.96	0.8514	+ 4.3864	= 5.2378
Large	108.05	0.6214	+ 4.3864	= 5.0078
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.49745	= 0.63445
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.9745	= 5.8195
Firm (304?)	482.79	0.8450	+ 4.9745	= 5.8195
Interruptible	126.39	0.3300	+ 4.9745	= 5.3045
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.5833	4.6260 /Mcf	U-17133
DTE Gas Company	<i>No Change</i>	4.7400	4.7400 /Mcf	U-17131
Michigan Gas Utilities Corp	<i>Decrease</i>	4.5247	4.7260 /Mcf	U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170 /Mcf	U-17135
SEMCO Energy Gas Co	<i>No Change</i>	4.7299	4.7299 /Dth	U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	4.5379	4.9388 /Dth	U-17060
Xcel Energy	<i>No Change</i>	5.0382	5.0700 /Dth	U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-17132 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13 \$/unit	Aug-13 \$/unit	Sep-13 \$/unit	Oct-13 \$/unit	Nov-13 \$/unit	Dec-13 \$/unit
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Company						
- As Currently Billed	4.7098	4.6260	4.5833			/Mcf
-U-17133 - As Filed or as Ordered	4.7098	4.6260	4.6260			/Mcf
DTE Gas Company						
- As Currently Billed	4.7700	4.7400	4.7400			/Mcf
-U-17131 - As Filed or as Ordered	4.7700	4.7400	4.7400			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6428	4.5650	4.5247			/Mcf
-U-17130 - As Filed or as Ordered	4.6428	4.5650	4.7260			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170	5.4170			/Mcf
-U-17135-As Filed or as Ordered	5.4170	5.4170	5.4170			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.8300	4.7299	4.7299			/Dth
-U-17132 - As Filed or as Ordered	4.8784	4.7299	4.7299			/Dth
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
Wisc Public Service Corp						
- As Currently Billed	4.9388	4.6987	4.5379			/Dth
-U-17060 - As Filed or as Ordered	4.9388	4.9388	4.9388			/Dth
Xcel Energy						
- As Currently Billed	5.0382	5.0382	5.0382			/Dth
-U-17134 - As Filed or as Ordered	5.0700	5.0700	5.0700			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.29084	+ 0.45833	= 0.74917	\$85.42	6%
DTE Gas Company	10.67	0.26867	+ 0.47400	= 0.74267	\$84.94	5%
Michigan Gas Utilities Corp	11.00	0.17798	+ 0.45247	= 0.63045	\$74.05	-8%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	38%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18452	+ 0.47299	= 0.65751	\$77.67	-4%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.45379	= 0.55283	\$60.28	-25%
Xcel Energy	6.50	0.13700	+ 0.50382	= 0.64082	\$70.58	-12%
AVERAGE RATE	9.66	0.23035	0.47959	0.62119	\$80.65	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2013

	Customer Charge	Energy Efficiency Charge		Distribution Charge	GCR Factor	Total Vol Charge
		see note 2				
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Ccf metered)	
Sales					From Utility	
Rate A	10.50	0.0303	+	0.26054	+ 0.45833	= 0.74917
Rate A-1 Residential Multi-Family	10.50	0.0303	+	0.26054	+ 0.45833	= 0.74917
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	10.50	0.0303		0.26054	+ per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Mcf metered)	
Sales					From Utility	
General Service - Rate GS-1	11.65	0.2219	+	2.17840	+ 4.5833	= 6.9836
General Service - Rate GS-2	18.70	0.2219	+	1.95900	+ 4.5833	= 6.7642
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.2219	+	1.01830	+ 4.5833	= 5.8235
General Service - Rate GS-3 (>100,000 Year)	543.90	0.011	+	1.01830	+ 4.5833	= 5.6126
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.2219		0.8988	per contract	
ST Optional Maximum Rate		0.2219		1.5676	per contract	
ST Optional Minimum Rate		0.2219		0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.011		0.8988	per contract	
ST Optional Maximum Rate		0.011		1.5676	per contract	
ST Optional Minimum Rate		0.011		0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.2219		0.5859	per contract	
LT Optional Maximum Rate		0.2219		0.9418	per contract	
LT Optional Minimum Rate		0.2219		0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.011		0.5859	per contract	
LT Optional Maximum Rate		0.011		0.9418	per contract	
LT Optional Minimum Rate		0.011		0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.2219		0.4634	per contract	
XLT Optional Maximum Rate		0.2219		0.7768	per contract	
XLT Optional Minimum Rate		0.2219		0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.011		0.4634	per contract	
XLT Optional Maximum Rate		0.011		0.7768	per contract	
XLT Optional Minimum Rate		0.011		0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after June 1, 2013 Consumers will pay the Energy Efficiency Program Surcharge per U-16736

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY							September 1, 2013			
	Customer Charge	IRM Surcharge	VHWF/LIEEF Refund	EO Surcharge	RDM Adj. U-17103	UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge	
		See note 7 (\$/month)	See note 4	see note 3	see note 5	see note 1				
							(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE										
Sales										
								From Utility		
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	-0.06	0.01842	0.00492	-0.00409	0.24942	+	0.47400 = 0.74267	
Residential Multi Family Rate 2A Class 1	10.50	0.98	-0.41	0.01426	-0.06494	-0.00439	0.24942	+	0.47400 = 0.66835	
Residential Multi Family Rate 2A Class 2	26.20	0.98	-0.26	0.01426	-0.005	-0.00236	0.24942	+	0.47400 = 0.73032	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	-0.06	0.01842	0.01017	-0.00409	0.24942	+	0.47400 = 0.74792	
Customer Choice										
alternative suppliers	(see above)						(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE										
		(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales										
								From Utility		
Rate GS-1	26.20	0.67	-0.26	0.1426	0.0769	-0.0617	2.4821	+	4.7400 = 7.3799	
Rate GS-2 (<100,000 Mcf)	590.00	0.67	-0.26	0.1426		-0.0538	1.9995	+	4.7400 = 6.8283	
Rate GS-2 (>100,000 Mcf)	590.00	0.67	-0.26	0.0102		-0.0538	1.9995	+	4.7400 = 6.6959	
Rate S	200.00	7.41	-5.51	0.1426	0.3779	-0.1154	1.5968	+	4.7400 = 6.7419	
Customer Choice										
alternative suppliers	(see above)						(see above)	+	per contract	
Transportation										
								From Others		
Rate ST (cost based rate)	2030.00	29.86	-2.51	0.0102		-0.0098	0.7959	per contract		
Maximum (optional)	2030.00	29.86	-2.51	0.0102		-0.0098	1.3618	per contract		
Minimum (optional)	2030.00	29.86	-2.51	0.0102		-0.0098	0.2300	per contract		
Rate LT (cost based rate)	3660.00	145.40	-9.43	0.0102		0.0042	0.6001	per contract		
Maximum (optional)	3660.00	145.40	-9.43	0.0102		0.0042	0.9702	per contract		
Minimum (optional)	3660.00	145.40	-9.43	0.0102		0.0042	0.2300	per contract		
Rate XLT (cost based rate)	9100.00	500.00	-43.91	0.0102		0.0281	0.5068	per contract		
Maximum (optional)	9100.00	500.00	-43.91	0.0102		0.0281	0.8336	per contract		
Minimum (optional)	9100.00	500.00	-43.91	0.0102		0.0281	0.1800	per contract		
Rate XXLT (cost based rate)	120000.00	500.00	-385.96	0.0102		-0.0344	0.1652	per contract		
Maximum (optional)	120000.00	500.00	-385.96	0.0102		-0.0344	0.8336	per contract		
Minimum (optional)	120000.00	500.00	-385.96	0.0102		-0.0344	0.0500	per contract		
EUT Exploratory Program				0.0036						
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge							10.0000			
Load Balancing Storage Charge							0.25/MMBtu			
Note 1: The 2011 UETM is effective from November 1, 2012.										
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round										
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.										
Note 4: Effective August 2013, Customers receive a credit per U-16961.										
Note 5: Effective April, 2013 through March, 2014 per Order in U-17103										
Note 6: Effective for May thru July 2013 for GS-2 and S, May only for GS-1										
Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st										
Rates at utilities.dteenergy.com (PDF version)										
My.dteenergy.com for understanding your bill										
Rates Reference:	see	Rate Books	for more details							

MICHIGAN GAS UTILITIES CORP.

September 1, 2013

	Customer Charge	EO Charge	Distribution Charge					Total Vol Charge
	see note 1							
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)				
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.01811	0.15987	+(0.38799	+ 0.06448	= 0.45247	)=	0.63045
Residential Multi-Family								
<i>Meter Class I</i>	11.00	0.01811	0.11929	+(0.38799	+ 0.06448	= 0.45247	)=	0.58987
<i>Meter Class II</i>	33.00	0.01811	0.11929	+(0.38799	+ 0.06448	= 0.45247	)=	0.58987
<i>Meter Class III</i>	88.00	0.01811	0.10629	+(0.38799	+ 0.06448	= 0.45247	)=	0.57687
<i>Meter Class IV</i>	143.00	0.01811	0.10629	+(0.38799	+ 0.06448	= 0.45247	)=	0.57687
Gas Light Rate-Residential			0.15987	+(0.38799	+ 0.06448	= 0.45247	)=	0.61234
Customer Choice-Residential				From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)		+ per contract	+ 0.06448			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.17	1.18760	+(3.8799	+ 0.6448	= 4.5247	)=	5.71230
Large General Service	400.00	215.45	1.00940	+(3.8799	+ 0.6448	= 4.5247	)=	5.53410
GasLight Rate-Commercial		10.33	1.18760	+(3.8799	+ 0.6448	= 4.5247	)=	5.71230
Customer Choice-Comm. & Ind.				From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)		+ per contract	+ 0.64480			
Transportation	Customer Charge	EO Charge	Additional Meters	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)			
		\$/mo		metered)				
TR-1	825.00	39.27	864	0.7777	0.6277			
TR-2	2,250.00	119.34	2,369	0.4796	0.3296			
TR-3	3,050.00	408.71	3,459	0.4651	0.3151			

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290

Note 2: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

September 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.0111	0.17342	+(0.39682	+ 0.07617	= 0.47299	)= 0.65751
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	5.84	1.8203	+(3.96820	+ 0.7617	+ 4.7299	)= 6.55020
General Service (GS-2)	35.00	5.91	5.84	1.3932	+(3.96820	+ 0.7617	+ 4.7299	)= 6.12310
General Service (GS-3)	105.00	28.03	5.84	1.0985	+(3.96820	+ 0.7617	+ 4.7299	)= 5.82840
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	77.63	85.97	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	85.97	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	85.97	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17292.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.45379	= 0.55283
Seasonal	10.00	0.09904	+ 0.45379	= 0.55283
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.5379	= 5.3893
Small Seasonal	19.12	0.8514	+ 4.5379	= 5.3893
Large	108.83	0.6214	+ 4.5379	= 5.1593
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.50382	= 0.64082
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.0382	= 5.8832
Firm (304?)	482.79	0.8450	+ 5.0382	= 5.8832
Interruptible	126.39	0.3300	+ 5.0382	= 5.3682
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.6260	4.6260	/Mcf U-17133
DTE Gas Company	<i>Decrease</i>	4.7400	4.7400	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Decrease</i>	4.5650	4.5650	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>Decrease</i>	4.7299	4.7299	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	4.6987	4.9388	/Dth U-17060
Xcel Energy	<i>No Change</i>	5.0382	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-17132 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13 \$/unit	Aug-13 \$/unit	Sep-13 \$/unit	Oct-13 \$/unit	Nov-13 \$/unit	Dec-13 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	4.7098	4.6260				/Mcf
-U-17133 - As Filed or as Ordered	4.7098	4.6260				/Mcf
DTE Gas Company						
- As Currently Billed	4.7700	4.7400				/Mcf
-U-17131 - As Filed or as Ordered	4.7700	4.7400				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6428	4.5650				/Mcf
-U-17130 - As Filed or as Ordered	4.6428	4.5650				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170	5.4170				/Mcf
-U-17135-As Filed or as Ordered	5.4170	5.4170				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.8300	4.7299				/Dth
-U-17132 - As Filed or as Ordered	4.8784	4.7299				/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	4.9388	4.6987				/Dth
-U-17060 - As Filed or as Ordered	4.9388	4.9388				/Dth
Xcel Energy						
- As Currently Billed	5.0382	5.0382				/Dth
-U-17134 - As Filed or as Ordered	5.0700	5.0700				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.20144	+ 0.46260	= 0.66404	\$76.90	-3%
DTE Gas Company	10.67	0.26867	+ 0.47400	= 0.74267	\$84.94	7%
Michigan Gas Utilities Corp	11.00	0.16542	+ 0.45650	= 0.62192	\$73.19	-8%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	40%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.18452	+ 0.47299	= 0.65751	\$77.67	-2%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.46987	= 0.56891	\$61.89	-22%
Xcel Energy	6.50	0.13700	+ 0.50382	= 0.64082	\$70.58	-11%
AVERAGE RATE	9.66	0.21578	0.48307	0.61150	\$79.54	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2013

	Customer Charge	Energy Efficiency Charge	Pilot RDM Reconciliation Charge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 2	see note 3			
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)
Sales					From Utility	
Rate A	10.50	0.0303	+ -0.0894	0.26054	+ 0.46260	= 0.66404
Rate A-1 Residential Multi-Family	10.50	0.0303	+ -0.0894	0.26054	+ 0.46260	= 0.66404
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	10.50	0.0303		0.26054	+ per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)
Sales					From Utility	
General Service - Rate GS-1	11.65	0.2219	+ -1.7248	2.17840	+ 4.6260	= 5.3015
General Service - Rate GS-2	18.70	0.2219	+ -1.7248	1.95900	+ 4.6260	= 5.0821
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.2219	+ -1.7248	1.01830	+ 4.6260	= 4.1414
General Service - Rate GS-3 (>100,000 Year)	543.90	0.011	+ -1.7248	1.01830	+ 4.6260	= 3.9305
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.2219	-0.0957	0.8988	per contract	
ST Optional Maximum Rate		0.2219	-0.0957	1.5676	per contract	
ST Optional Minimum Rate		0.2219	-0.0957	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.011	-0.0957	0.8988	per contract	
ST Optional Maximum Rate		0.011	-0.0957	1.5676	per contract	
ST Optional Minimum Rate		0.011	-0.0957	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.2219	-0.0957	0.5859	per contract	
LT Optional Maximum Rate		0.2219	-0.0957	0.9418	per contract	
LT Optional Minimum Rate		0.2219	-0.0957	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.011	-0.0957	0.5859	per contract	
LT Optional Maximum Rate		0.011	-0.0957	0.9418	per contract	
LT Optional Minimum Rate		0.011	-0.0957	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.2219	-0.0957	0.4634	per contract	
XLT Optional Maximum Rate		0.2219	-0.0957	0.7768	per contract	
XLT Optional Minimum Rate		0.2219	-0.0957	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.011	-0.0957	0.4634	per contract	
XLT Optional Maximum Rate		0.011	-0.0957	0.7768	per contract	
XLT Optional Minimum Rate		0.011	-0.0957	0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00				includes gas	
2.6 to 4.5 CF/Hr	22.00				includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after June 1, 2013 Consumers will pay the Energy Efficiency Program Surcharge per U-16736

Note 3: Effective for bills rendered August 2013 per U-16860

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY

August 1, 2013

	Customer Charge	IRM Surcharges	VHWF/LIEEF Refund	EO Surcharges	RDM Adj. U-17103	UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge
	See note 7 (\$/month)	See note 4	see note 3	see note 5	see note 1	(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE									
Sales									
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23	-0.06	0.01842	0.00492	-0.00409	0.24942	+ 0.47400	= 0.74267
Residential Multi Family Rate 2A Class 1	10.50	0.98	-0.41	0.01426	-0.06494	-0.00493	0.24942	+ 0.47400	= 0.66781
Residential Multi Family Rate 2A Class 2	26.20	0.98	-0.26	0.01426	-0.005	-0.00236	0.24942	+ 0.47400	= 0.73032
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23	-0.06	0.01842	0.01017	-0.00409	0.24942	+ 0.47400	= 0.74792
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)						(volumetric charges in \$/Mcf metered)		
Sales									
Rate GS-1	26.20	0.67	-0.26	0.1426	0.0769	-0.0617	2.4821	+ 4.7400	= 7.3799
Rate GS-2 (<100,000 Mcf)	590.00	0.67	-0.26	0.1426		-0.0538	1.9995	+ 4.7400	= 6.8283
Rate GS-2 (>100,000 Mcf)	590.00	0.67	-0.26	0.0102		-0.0538	1.9995	+ 4.7400	= 6.6959
Rate S	200.00	7.41	-5.51	0.1426	0.3779	-0.1154	1.5968	+ 4.7400	= 6.7419
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation									
Rate ST (cost based rate)	2030.00	29.86	-2.51	0.0102		-0.0098	0.7959	per contract	
Maximum (optional)	2030.00	29.86	-2.51	0.0102		-0.0098	1.3618	per contract	
Minimum (optional)	2030.00	29.86	-2.51	0.0102		-0.0098	0.2300	per contract	
Rate LT (cost based rate)	3660.00	145.40	-9.43	0.0102		0.0042	0.6001	per contract	
Maximum (optional)	3660.00	145.40	-9.43	0.0102		0.0042	0.9702	per contract	
Minimum (optional)	3660.00	145.40	-9.43	0.0102		0.0042	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	500.00	-43.91	0.0102		0.0281	0.5068	per contract	
Maximum (optional)	9100.00	500.00	-43.91	0.0102		0.0281	0.8336	per contract	
Minimum (optional)	9100.00	500.00	-43.91	0.0102		0.0281	0.1800	per contract	
Rate XXLTLT (cost based rate)	120000.00	500.00	-385.96	0.0102		-0.0344	0.1652	per contract	
Maximum (optional)	120000.00	500.00	-385.96	0.0102		-0.0344	0.8336	per contract	
Minimum (optional)	120000.00	500.00	-385.96	0.0102		-0.0344	0.0500	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge							10.0000		
Load Balancing Storage Charge							0.25/MMBtu		
<p>Note 1: The 2011 UETM is effective from November 1, 2012.</p> <p>Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round</p> <p>Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.</p> <p>Note 4: Effective August 2013, Customers receive a credit per U-16961.</p> <p>Note 5: Effective April, 2013 through March, 2014 per Order in U-17103</p> <p>Note 6: Effective for May thru July 2013 for GS-2 and S, May only for GS-1</p> <p>Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st</p> <p>Rates at utilities.dteenergy.com (PDF version)</p> <p>My.dteenergy.com for understanding your bill</p>									
<div> <div>Rates Reference:</div> <div>see Rate Books</div> <div>for more details</div> </div>									

MICHIGAN GAS UTILITIES CORP.										August 1, 2013		
	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge					Total Charge	
		see note 1	see note 2	see note 2	see note 2		(volumetric charges in \$/Ccf metered)					
RESIDENTIAL SERVICE (\$/month)							Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales												
Residential Service	11.00	0.01811	-0.00276	-0.005192	-0.004603	0.15987	+(0.39202	+ 0.06448	= 0.45650	)= 0.62192	
Residential Multi-Family												
Meter Class I	11.00	0.01811	-0.00207	0.027572	0.013044	0.11929	+(0.39202	+ 0.06448	= 0.45650	)= 0.63245	
Meter Class II	33.00	0.01811	-0.00191	0.027572	0.013044	0.11929	+(0.39202	+ 0.06448	= 0.45650	)= 0.63261	
Meter Class III	88.00	0.01811	-0.00139	-0.013588	0.000174	0.10629	+(0.39202	+ 0.06448	= 0.45650	)= 0.56610	
Meter Class IV	143.00	0.01811	-0.00153	-0.013588	0.000174	0.10629	+(0.39202	+ 0.06448	= 0.45650	)= 0.56595	
Gas Light Rate-Residential						0.15987	+(0.39202	+ 0.06448	= 0.45650	)= 0.61637	
Customer Choice-Residential alternative suppliers (see above) (see above)							From Others + per contract	Reservation Charge + 0.06448				
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)							Gas Costs From Utility	Reservation Charge	GCR Factor			
Sales												
Small General Service	33.00	4.17	-0.02594	0.27572	0.13044	1.18760	+(3.9202	+ 0.6448	= 4.5650	)= 6.13282	
Large General Service	400.00	215.45	-0.02208			1.00940	+(3.9202	+ 0.6448	= 4.5650	)= 5.55232	
GasLight Rate-Commercial		10.33				1.18760	+(3.9202	+ 0.6448	= 4.5650	)= 5.75260	
Customer Choice-Comm. & Ind. alternative suppliers (see above) (see above)							From Others + per contract	Reservation Charge + 0.64480				
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)						
Transportation (\$/mo) (volumetric charges in \$/Mcf metered)												
TR-1	825.00	39.27	864	-0.0113	0.7777	0.6277						
TR-2	2,250.00	119.34	2,369	-0.0059	0.4796	0.3296						
TR-3	3,050.00	408.71	3,459	-0.0033	0.4651	0.3151						
Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17290												
Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976												
Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.												
Customer Attachment Program												
Rates at michigan gas utilities.com												
Understanding your bill at michigan gas utilities.com												
Rate Books												

SEMCO

SEMCO ENERGY GAS COMPANY

August 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.0111	0.17342	+(0.39682	+ 0.07617	= 0.47299	)= 0.65751
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	5.84	1.8203	+(3.96820	+ 0.7617	+ 4.7299	)= 6.55020
General Service (GS-2)	35.00	5.91	5.84	1.3932	+(3.96820	+ 0.7617	+ 4.7299	)= 6.12310
General Service (GS-3)	105.00	28.03	5.84	1.0985	+(3.96820	+ 0.7617	+ 4.7299	)= 5.82840
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	77.63	85.97	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	85.97	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	85.97	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17292.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.46987	= 0.56891
Seasonal	10.00	0.09904	+ 0.46987	= 0.56891
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.6987	= 5.5501
Small Seasonal	19.12	0.8514	+ 4.6987	= 5.5501
Large	108.83	0.6214	+ 4.6987	= 5.3201
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13700	+ 0.50382	= 0.64082
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.0382	= 5.8832
Firm (304?)	482.79	0.8450	+ 5.0382	= 5.8832
Interruptible	126.39	0.3300	+ 5.0382	= 5.3682
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after August 1, 2013, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-17291

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.7098	4.7098	/Mcf U-17133
DTE Gas Company	<i>No Change</i>	4.7700	4.7700	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Decrease</i>	4.6428	4.6428	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>Decrease</i>	4.8300	4.8784	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>No Change</i>	4.9388	4.9388	/Dth U-17060
Xcel Energy	<i>No Change</i>	5.0382	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-17132 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	4.7098					/Mcf
-U-17133 - As Filed or as Ordered	4.7098					/Mcf
DTE Gas Company						
- As Currently Billed	4.7700					/Mcf
-U-17131 - As Filed or as Ordered	4.7700					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6428					/Mcf
-U-17130 - As Filed or as Ordered	4.6428					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.4170					/Mcf
-U-17135-As Filed or as Ordered	5.4170					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.8300					/Dth
-U-17132 - As Filed or as Ordered	4.8784					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	4.9388					/Dth
-U-17060 - As Filed or as Ordered	4.9388					/Dth
Xcel Energy						
- As Currently Billed	5.0382					/Dth
-U-17134 - As Filed or as Ordered	5.0700					/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.29084	+ 0.47098	= 0.76182	\$86.68	6%
DTE Gas Company	10.73	0.28057	+ 0.47700	= 0.75757	\$86.49	6%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.46428	= 0.63200	\$74.20	-9%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	36%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.19037	+ 0.48300	= 0.67337	\$79.26	-3%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.49388	= 0.59292	\$64.29	-21%
Xcel Energy	6.50	0.13550	+ 0.50382	= 0.63932	\$70.43	-14%
AVERAGE RATE	9.66	0.23121	0.49067	0.63164	\$81.85	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2013

	Customer Charge	Energy Efficiency Surcharge see note 2		Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month) (volumetric charges in \$/Ccf metered)						
Sales					From Utility	
Rate A	10.50	0.0303	+	0.26054	+	0.47098 = 0.76182
Rate A-1 Residential Multi-Family	10.50	0.0303	+	0.26054	+	0.47098 = 0.76182
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	10.50	0.0303		0.26054	+	per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE (\$/month) (volumetric charges in \$/Mcf metered)						
Sales					From Utility	
General Service - Rate GS-1	11.65	0.2219	+	2.17840	+	4.7098 = 7.1101
General Service - Rate GS-2	18.70	0.2219	+	1.95900	+	4.7098 = 6.8907
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.2219	+	1.01830	+	4.7098 = 5.9500
General Service - Rate GS-3 (>100,000 Year)	543.90	0.011	+	1.01830	+	4.7098 = 5.7391
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)		per contract
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.2219		0.8988		per contract
ST Optional Maximum Rate		0.2219		1.5676		per contract
ST Optional Minimum Rate		0.2219		0.2300		per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.011		0.8988		per contract
ST Optional Maximum Rate		0.011		1.5676		per contract
ST Optional Minimum Rate		0.011		0.2300		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.2219		0.5859		per contract
LT Optional Maximum Rate		0.2219		0.9418		per contract
LT Optional Minimum Rate		0.2219		0.2300		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.011		0.5859		per contract
LT Optional Maximum Rate		0.011		0.9418		per contract
LT Optional Minimum Rate		0.011		0.2300		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.2219		0.4634		per contract
XLT Optional Maximum Rate		0.2219		0.7768		per contract
XLT Optional Minimum Rate		0.2219		0.1500		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.011		0.4634		per contract
XLT Optional Maximum Rate		0.011		0.7768		per contract
XLT Optional Minimum Rate		0.011		0.1500		per contract
XLT Remote Meter Charge	70.00					per contract
OTHER (\$/month)						
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective for bills rendered on and after June 1, 2013 Consumers will pay the Energy Efficiency Program Surcharge per U-16736

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY										July 1, 2013	
	Customer Charge	IRM Surcharge	SI Residual	EO Surcharge	RDM Adj. U-16877	RDM Adj. U-17103	UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge	
		See note 7 (\$/month)	See note 6	see note 3	see note 4	see note 5	see note 1	(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE											
Sales										From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23		0.01842	0.01190	0.00492	-0.00409	0.24942	+	0.47700 = 0.75757	
Residential Multi Family Rate 2A Class 1	10.50	0.98		0.01426	-0.06957	-0.06494	-0.00493	0.24942	+	0.47700 = 0.60124	
Residential Multi Family Rate 2A Class 2	26.20	0.98		0.01426	-0.00238	-0.005	-0.00236	0.24942	+	0.47700 = 0.73094	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23		0.01842	0.01832	0.01017	-0.00409	0.24942	+	0.47700 = 0.76924	
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	(see above)							(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)							(volumetric charges in \$/Mcf metered)			
Sales										From Utility	
Rate GS-1	26.20	0.67		0.1426	0.1971	0.0769	-0.0617	2.4821	+	4.7700 = 7.6070	
Rate GS-2 (<100,000 Mcf)	590.00	0.67	500.00	0.1426			-0.0538	1.9995	+	4.7700 = 6.8583	
Rate GS-2 (>100,000 Mcf)	590.00	0.67	500.00	0.0102			-0.0538	1.9995	+	4.7700 = 6.7259	
Rate S	200.00	7.41	600.00	0.1426	0.1661	0.3779	-0.1154	1.5968	+	4.7700 = 6.9380	
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	(see above)							(see above)		per contract	
Transportation										From Others	
Rate ST (cost based rate)	2030.00	29.86		0.0102			-0.0098	0.7959		per contract	
Maximum (optional)	2030.00	29.86		0.0102			-0.0098	1.3618		per contract	
Minimum (optional)	2030.00	29.86		0.0102			-0.0098	0.2300		per contract	
Rate LT (cost based rate)	3660.00	145.40		0.0102			0.0042	0.6001		per contract	
Maximum (optional)	3660.00	145.40		0.0102			0.0042	0.9702		per contract	
Minimum (optional)	3660.00	145.40		0.0102			0.0042	0.2300		per contract	
Rate XLT (cost based rate)	9100.00	500.00		0.0102			0.0281	0.5068		per contract	
Maximum (optional)	9100.00	500.00		0.0102			0.0281	0.8336		per contract	
Minimum (optional)	9100.00	500.00		0.0102			0.0281	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00	500.00		0.0102			-0.0344	0.1652		per contract	
Maximum (optional)	120000.00	500.00		0.0102			-0.0344	0.8336		per contract	
Minimum (optional)	120000.00	500.00		0.0102			-0.0344	0.0500		per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge								10.0000			
Load Balancing Storage Charge								0.25/MMBtu			
Note 1: The 2011 UETM is effective from November 1, 2012.											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.											
Note 4: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.											
Note 5: Effective April, 2013 through March, 2014 per Order in U-17103											
Note 6: Effective for May thru July 2013 for GS-2 and S, May only for GS-1											
Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
Rates at utilities.dteenergy.com (PDF version)											
My.dteenergy.com for understanding your bill											
Rates Reference:	see	Rate Books								for more details	

MICHIGAN GAS UTILITIES CORP.

July 1, 2013

	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge					Total Charge
		see note 1	see note 2	see note 2	see note 2						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.02041	-0.00276	-0.005192	-0.004603	0.15987	+(0.39980	+ 0.06448	= 0.46428	)=	0.63200
Residential Multi-Family											
<i>Meter Class I</i>	11.00	0.02041	-0.00207	0.027572	0.013044	0.11929	+(0.39980	+ 0.06448	= 0.46428	)=	0.64253
<i>Meter Class II</i>	33.00	0.02041	-0.00191	0.027572	0.013044	0.11929	+(0.39980	+ 0.06448	= 0.46428	)=	0.64269
<i>Meter Class III</i>	88.00	0.02041	-0.00139	-0.013588	0.000174	0.10629	+(0.39980	+ 0.06448	= 0.46428	)=	0.57618
<i>Meter Class IV</i>	143.00	0.02041	-0.00153	-0.013588	0.000174	0.10629	+(0.39980	+ 0.06448	= 0.46428	)=	0.57603
Gas Light Rate-Residential						0.15987	+(0.39980	+ 0.06448	= 0.46428	)=	0.62415
Customer Choice-Residential							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.06448			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.73	-0.02594	0.27572	0.13044	1.18760	+(3.9980	+ 0.6448	= 4.6428	)=	6.21062
Large General Service	400.00	100.98	-0.02208			1.00940	+(3.9980	+ 0.6448	= 4.6428	)=	5.63012
GasLight Rate-Commercial		12.94				1.18760	+(3.9980	+ 0.6448	= 4.6428	)=	5.83040
Customer Choice-Comm. & Ind.							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.64480			
Transportation											
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo									
TR-1	825.00	38.87	864	-0.0113	0.7777	0.6277					
TR-2	2,250.00	115.34	2,365	-0.0059	0.4796	0.3296					
TR-3	3,050.00	399.72	3,450	-0.0033	0.4651	0.3151					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-1675

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

July 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.01695	0.17342	+(0.40683	+ 0.07617	= 0.48300	)= 0.67337
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE					(volumetric charges in \$/Dth metered)			
Sales		(\$/month)			Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	6.24	1.8203	+(4.06830	+ 0.7617	+ 4.8300	)= 6.65030
General Service (GS-2)	35.00	5.91	6.24	1.3932	+(4.06830	+ 0.7617	+ 4.8300	)= 6.22320
General Service (GS-3)	105.00	28.03	6.24	1.0985	+(4.06830	+ 0.7617	+ 4.8300	)= 5.92850
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	77.63	90.79	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	90.79	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	90.79	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.49388	= 0.59292
Seasonal	10.00	0.09904	+ 0.49388	= 0.59292
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.9388	= 5.7902
Small Seasonal	19.12	0.8514	+ 4.9388	= 5.7902
Large	108.83	0.6214	+ 4.9388	= 5.5602
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.50382	= 0.63932
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.0382	= 5.8832
Firm (304?)	482.79	0.8450	+ 5.0382	= 5.8832
Interruptible	126.39	0.3300	+ 5.0382	= 5.3682
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	4.7937	4.7937	/Mcf U-17133
DTE Gas Company	<i>No Change</i>	4.7700	4.7700	/Mcf U-17131
Michigan Gas Utilities Corp	<i>Increase</i>	4.7736	4.7736	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>Decrease</i>	5.0268	4.9774	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.9388	4.9388	/Dth U-17060
Xcel Energy	<i>No Change</i>	5.0382	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	4.7937	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503				/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	4.7937	/Mcf
DTE Gas Company							
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800				/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	4.7700	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	4.7736	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092				/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	4.7736	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640				/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	5.4170	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	4.8800	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466				/Dth
-U-16922 - As Filed or as Ordered				4.7299	4.9774	5.0268	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	4.9388	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	4.9388	/Dth
Xcel Energy							
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610				/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28297	+ 0.47937	= 0.76234	\$86.73	5%
DTE Gas Company	10.73	0.28057	+ 0.47700	= 0.75757	\$86.49	5%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.47736	= 0.64508	\$75.51	-8%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	36%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.92	0.19037	+ 0.50268	= 0.69305	\$81.23	-1%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.49388	= 0.59292	\$64.29	-22%
Xcel Energy	6.50	0.13550	+ 0.50382	= 0.63932	\$70.43	-14%
AVERAGE RATE	9.66	0.23008	0.49654	0.63580	\$82.33	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2013

	Customer Charge	Energy Efficiency Surcharge see note 2	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)					
(volumetric charges in \$/Ccf metered)					
Sales				From Utility	
Rate A	10.50	0.02243	+ 0.26054	+ 0.47937	= 0.76234
Rate A-1 Residential Multi-Family	10.50	0.02243	+ 0.26054	+ 0.47937	= 0.76234
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)					
Customer Choice				From Others	
alternative suppliers	10.50	0.02243	0.26054	+ per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)					
(volumetric charges in \$/Mcf metered)					
Sales				From Utility	
General Service - Rate GS-1	11.65	0.1601	+ 2.17840	+ 4.7937	= 7.1322
General Service - Rate GS-2	18.70	0.1601	+ 1.95900	+ 4.7937	= 6.9128
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1601	+ 1.01830	+ 4.7937	= 5.9721
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0093	+ 1.01830	+ 4.7937	= 5.8213
Customer Choice				From Others	
alternative suppliers	(see above)		(see above)	per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1601	0.8988	per contract	
ST Optional Maximum Rate		0.1601	1.5676	per contract	
ST Optional Minimum Rate		0.1601	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0093	0.8988	per contract	
ST Optional Maximum Rate		0.0093	1.5676	per contract	
ST Optional Minimum Rate		0.0093	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1601	0.5859	per contract	
LT Optional Maximum Rate		0.1601	0.9418	per contract	
LT Optional Minimum Rate		0.1601	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0093	0.5859	per contract	
LT Optional Maximum Rate		0.0093	0.9418	per contract	
LT Optional Minimum Rate		0.0093	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1601	0.4634	per contract	
XLT Optional Maximum Rate		0.1601	0.7768	per contract	
XLT Optional Minimum Rate		0.1601	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0093	0.4634	per contract	
XLT Optional Maximum Rate		0.0093	0.7768	per contract	
XLT Optional Minimum Rate		0.0093	0.1500	per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER (\$/month)					
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	14.00		includes gas		
2.6 to 4.5 CF/Hr	22.00		includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY										June 1, 2013	
	Customer Charge	IRM Surcharge	SI Residual	EO Surcharge	RDM Adj. U-16877	RDM Adj. U-17103	UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge	
		See note 7 (\$/month)	See note 6	see note 3	see note 4	see note 5	see note 1				
								(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE											
Sales										From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23		0.01842	0.01190	0.00492	-0.00409	0.24942	+	0.47700 = 0.75757	
Residential Multi Family Rate 2A Class 1	10.50	0.98		0.01426	-0.06957	-0.06494	-0.00493	0.24942	+	0.47700 = 0.60124	
Residential Multi Family Rate 2A Class 2	26.20	0.98		0.01426	-0.00238	-0.005	-0.00236	0.24942	+	0.47700 = 0.73094	
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23		0.01842	0.01832	0.01017	-0.00409	0.24942	+	0.47700 = 0.76924	
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	(see above)							(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE											
	(\$/month)							(volumetric charges in \$/Mcf metered)			
Sales										From Utility	
Rate GS-1	26.20	0.67		0.1426	0.1971	0.0769	-0.0617	2.4821	+	4.7700 = 7.6070	
Rate GS-2 (<100,000 Mcf)	590.00	0.67	500.00	0.1426			-0.0538	1.9995	+	4.7700 = 6.8583	
Rate GS-2 (>100,000 Mcf)	590.00	0.67	500.00	0.0102			-0.0538	1.9995	+	4.7700 = 6.7259	
Rate S	200.00	7.41	600.00	0.1426	0.1661	0.3779	-0.1154	1.5968	+	4.7700 = 6.9380	
<u>Customer Choice</u>										From Others	
<u>alternative suppliers</u>	(see above)							(see above)		per contract	
Transportation										From Others	
Rate ST (cost based rate)	2030.00	29.86		0.0102			-0.0098	0.7959		per contract	
Maximum (optional)	2030.00	29.86		0.0102			-0.0098	1.3618		per contract	
Minimum (optional)	2030.00	29.86		0.0102			-0.0098	0.2300		per contract	
Rate LT (cost based rate)	3660.00	145.40		0.0102			0.0042	0.6001		per contract	
Maximum (optional)	3660.00	145.40		0.0102			0.0042	0.9702		per contract	
Minimum (optional)	3660.00	145.40		0.0102			0.0042	0.2300		per contract	
Rate XLT (cost based rate)	9100.00	500.00		0.0102			0.0281	0.5068		per contract	
Maximum (optional)	9100.00	500.00		0.0102			0.0281	0.8336		per contract	
Minimum (optional)	9100.00	500.00		0.0102			0.0281	0.1800		per contract	
Rate XXLT (cost based rate)	120000.00	500.00		0.0102			-0.0344	0.1652		per contract	
Maximum (optional)	120000.00	500.00		0.0102			-0.0344	0.8336		per contract	
Minimum (optional)	120000.00	500.00		0.0102			-0.0344	0.0500		per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00										
Unauthorized Gas Usage Charge								10.0000			
Load Balancing Storage Charge								0.25/MMBtu			
Note 1: The 2011 UETM is effective from November 1, 2012.											
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round											
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.											
Note 4: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.											
Note 5: Effective April, 2013 through March, 2014 per Order in U-17103											
Note 6: Effective for May thru July 2013 for GS-2 and S, May only for GS-1											
Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999. Changes each July 1st											
<u>Rates at utilities.dteenergy.com (PDF version)</u>											
<u>My.dteenergy.com for understanding your bill</u>											
Rates Reference:	see	Rate Books								for more details	

MICHIGAN GAS UTILITIES CORP.

June 1, 2013

	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge					Total Charge
		see note 1	see note 2	see note 2	see note 2						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.02041	-0.00276	-0.005192	-0.004603	0.15987	+(0.41288	+ 0.06448	= 0.47736	)= 0.64508	
Residential Multi-Family											
<i>Meter Class I</i>	11.00	0.02041	-0.00207	0.027572	0.013044	0.11929	+(0.41288	+ 0.06448	= 0.47736	)= 0.65561	
<i>Meter Class II</i>	33.00	0.02041	-0.00191	0.027572	0.013044	0.11929	+(0.41288	+ 0.06448	= 0.47736	)= 0.65577	
<i>Meter Class III</i>	88.00	0.02041	-0.00139	-0.013588	0.000174	0.10629	+(0.41288	+ 0.06448	= 0.47736	)= 0.58926	
<i>Meter Class IV</i>	143.00	0.02041	-0.00153	-0.013588	0.000174	0.10629	+(0.41288	+ 0.06448	= 0.47736	)= 0.58911	
Gas Light Rate-Residential						0.15987	+(0.41288	+ 0.06448	= 0.47736	)= 0.63723	
Customer Choice-Residential							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.06448			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.73	-0.02594	0.27572	0.13044	1.18760	+(4.1288	+ 0.6448	= 4.7736	)= 6.34142	
Large General Service	400.00	100.98	-0.02208			1.00940	+(4.1288	+ 0.6448	= 4.7736	)= 5.76092	
GasLight Rate-Commercial		12.94				1.18760	+(4.1288	+ 0.6448	= 4.7736	)= 5.96120	
Customer Choice-Comm. & Ind.							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.64480			
Transportation											
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo									
TR-1	825.00	38.87	864	-0.0113	0.7777	0.6277					
TR-2	2,250.00	115.34	2,365	-0.0059	0.4796	0.3296					
TR-3	3,050.00	399.72	3,450	-0.0033	0.4651	0.3151					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-1675

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

June 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.42	0.01695	0.17342	+(0.42651	+ 0.07617	= 0.50268	)= 0.69305
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.94	6.24	1.8203	+(4.26510	+ 0.7617	+ 5.0268	)= 6.84710
General Service (GS-2)	35.00	5.91	6.24	1.3932	+(4.26510	+ 0.7617	+ 5.0268	)= 6.42000
General Service (GS-3)	105.00	28.03	6.24	1.0985	+(4.26510	+ 0.7617	+ 5.0268	)= 6.12530
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth
TR-1	350.00	77.63	90.79	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	399.06	90.79	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	90.79	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Note 2: Effective May 29, 2013, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-17169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.49388	= 0.59292
Seasonal	10.00	0.09904	+ 0.49388	= 0.59292
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.9388	= 5.7902
Small Seasonal	19.12	0.8514	+ 4.9388	= 5.7902
Large	108.83	0.6214	+ 4.9388	= 5.5602
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.50382	= 0.63932
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.0382	= 5.8832
Firm (304?)	482.79	0.8450	+ 5.0382	= 5.8832
Interruptible	126.39	0.3300	+ 5.0382	= 5.3682
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increase</i>	4.7657	4.7657	/Mcf U-17133
DTE Gas Company	<i>Increase</i>	4.7700	4.7700	/Mcf U-17131
Michigan Gas Utilities Corp	<i>No Change</i>	4.5247	4.5247	/Mcf U-17130
Presque Isle E. & G. Coop.	<i>No Change</i>	5.4170	5.4170	/Mcf U-17135
SEMCO Energy Gas Co	<i>Increase</i>	4.9774	4.9774	/Dth U-17132
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.9058	4.9058	/Dth U-17060
Xcel Energy	<i>No Change</i>	5.0382	5.0700	/Dth U-17134

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503	5.4503	4.6192	4.7657	/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503			/Mcf
-U-17133 - As Filed or as Ordered				4.6260	4.7657	/Mcf
DTE Gas Company						
- As Currently Billed	4.7900	4.7200	4.7200	4.7400	4.7700	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800			/Mcf
-U-17131 - As Filed or as Ordered				4.7400	4.7700	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0000	4.0000	4.0000	4.5247	4.5247	/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092			/Mcf
-U-17130 - As Filed or as Ordered				4.5247	4.5247	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640	5.7640	5.4170	5.4170	/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640			/Mcf
-U-17135-As Filed or as Ordered				5.4170	5.4170	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1833	4.1098	4.0800	3.8000	4.9774	/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466			/Dth
-U-16922 - As Filed or as Ordered				4.7299	4.9774	/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	4.6388	4.6353	4.5320	4.5972	4.9058	/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388	4.9058	/Dth
Xcel Energy						
- As Currently Billed	4.4846	4.4846	4.4846	5.0382	5.0382	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610			/Dth
-U-17134 - As Filed or as Ordered				5.0700	5.0700	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28031	+ 0.47657	= 0.75688	\$86.19	5%
DTE Gas Company	10.73	0.28057	+ 0.47700	= 0.75757	\$86.49	6%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.45247	= 0.62019	\$73.02	-11%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	37%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.75	0.19037	+ 0.49774	= 0.68811	\$80.56	-1%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.49058	= 0.58962	\$63.96	-22%
Xcel Energy	6.50	0.13550	+ 0.50382	= 0.63932	\$70.43	-14%
AVERAGE RATE	9.64	0.22970	0.49141	0.63097	\$81.75	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2013

	Customer Charge	VHWF Recon	Energy Efficiency Surcharge	Distribution Charge	GCR Factor	Total Vol Charge
		see note 3	see note 2			
	(\$/month)	(\$/month or ccf)				(volumetric charges in \$/Ccf metered)
RESIDENTIAL SERVICE						
Sales					From Utility	
Rate A	10.50	-0.00266 +	0.02243 +	0.26054 +	0.47657 =	0.75688
Rate A-1 Residential Multi-Family	10.50	-1.74	0.02243 +	0.26054 +	0.47657 =	0.75954
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
<u>alternative suppliers</u>	10.50	-0.00266	0.02243	0.26054 +	per contract	
					* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(\$/month or Mcf)				(volumetric charges in \$/Mcf metered)
Sales					From Utility	
General Service - Rate GS-1	11.65	-0.04	0.1601 +	2.17840 +	4.7657 =	7.1042
General Service - Rate GS-2	18.70	-0.0122 +	0.1601 +	1.95900 +	4.7657 =	6.8726
General Service - Rate GS-3 (0-100,000 Year)	543.90	-5.81	0.1601 +	1.01830 +	4.7657 =	5.9441
General Service - Rate GS-3 (>100,000 Year)	543.90	-5.81	0.0093 +	1.01830 +	4.7657 =	5.7933
Customer Choice					From Others	
<u>alternative suppliers</u>	(see above)	(see above)		(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60		0.1601	0.8988	per contract	
ST Optional Maximum Rate			0.1601	1.5676	per contract	
ST Optional Minimum Rate			0.1601	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60		0.0093	0.8988	per contract	
ST Optional Maximum Rate			0.0093	1.5676	per contract	
ST Optional Minimum Rate			0.0093	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20		0.1601	0.5859	per contract	
LT Optional Maximum Rate			0.1601	0.9418	per contract	
LT Optional Minimum Rate			0.1601	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20		0.0093	0.5859	per contract	
LT Optional Maximum Rate			0.0093	0.9418	per contract	
LT Optional Minimum Rate			0.0093	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40		0.1601	0.4634	per contract	
XLT Optional Maximum Rate			0.1601	0.7768	per contract	
XLT Optional Minimum Rate			0.1601	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40		0.0093	0.4634	per contract	
XLT Optional Maximum Rate			0.0093	0.7768	per contract	
XLT Optional Minimum Rate			0.0093	0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER	(\$/month)	(\$/month)				
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00	14.00		includes gas		
2.6 to 4.5 CF/Hr	22.00	22.00		includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Note 3: Effective May 2013 customers will receive the VHWF Reconciliation Credit per U-17038

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

DTE GAS COMPANY									May 1, 2013	
	Customer Charge	IRM Surcharge	SI Residual	EO Surcharge	RDM Adj. U-16877	RDM Adj. U-17103	UETM Adj.	Distribution Charge	GCR Factor	Total Vol Charge
		See note 7	See note 6	see note 3	see note 4	see note 5	see note 1			
		(\$/month)						(volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE										
Sales										
									From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.23		0.01842	0.01190	0.00492	-0.00409	0.24942	+	0.47700 = 0.75757
Residential Multi Family Rate 2A Class 1	10.50	0.98		0.01426	-0.06957	-0.06494	-0.00493	0.24942	+	0.47700 = 0.60124
Residential Multi Family Rate 2A Class 2	26.20	0.98		0.01426	-0.00238	-0.005	-0.00236	0.24942	+	0.47700 = 0.73094
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.23		0.01842	0.01832	0.01017	-0.00409	0.24942	+	0.47700 = 0.76924
Customer Choice									From Others	
<u>alternative suppliers</u>	(see above)							(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE										
	(\$/month)							(volumetric charges in \$/Mcf metered)		
Sales										
									From Utility	
Rate GS-1	26.20	0.67	-0.07	0.1426	0.1971	0.0769	-0.0617	2.4821	+	4.7700 = 7.6070
Rate GS-2 (<100,000 Mcf)	590.00	0.67	500.00	0.1426			-0.0538	1.9995	+	4.7700 = 6.8583
Rate GS-2 (>100,000 Mcf)	590.00	0.67	500.00	0.0102			-0.0538	1.9995	+	4.7700 = 6.7259
Rate S	200.00	7.41	600.00	0.1426	0.1661	0.3779	-0.1154	1.5968	+	4.7700 = 6.9380
Customer Choice									From Others	
<u>alternative suppliers</u>	(see above)							(see above)	per contract	
Transportation										
									From Others	
Rate ST (cost based rate)	2030.00	29.86		0.0102			-0.0098	0.7959	per contract	
Maximum (optional)	2030.00	29.86		0.0102			-0.0098	1.3618	per contract	
Minimum (optional)	2030.00	29.86		0.0102			-0.0098	0.2300	per contract	
Rate LT (cost based rate)	3660.00	145.40		0.0102			0.0042	0.6001	per contract	
Maximum (optional)	3660.00	145.40		0.0102			0.0042	0.9702	per contract	
Minimum (optional)	3660.00	145.40		0.0102			0.0042	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	500.00		0.0102			0.0281	0.5068	per contract	
Maximum (optional)	9100.00	500.00		0.0102			0.0281	0.8336	per contract	
Minimum (optional)	9100.00	500.00		0.0102			0.0281	0.1800	per contract	
Rate XXL (cost based rate)	120000.00	500.00		0.0102			-0.0344	0.1652	per contract	
Maximum (optional)	120000.00	500.00		0.0102			-0.0344	0.8336	per contract	
Minimum (optional)	120000.00	500.00		0.0102			-0.0344	0.0500	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00									
Unauthorized Gas Usage Charge								10.0000		
Load Balancing Storage Charge								0.25/MMBtu		
Note 1: The 2011 UETM is effective from November 1, 2012.										
Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round										
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.										
Note 4: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.										
Note 5: Effective April, 2013 through March, 2014 per Order in U-17103										
Note 6: Effective for May 2013										
Note 7: Effective May 2013, customers pay the IRM surcharge per U-16999										
<u>Rates at utilities.dteenergy.com (PDF version)</u>										
<u>My.dteenergy.com for understanding your bill</u>										
Rates Reference:	see	Rate Books								for more details

MICHIGAN GAS UTILITIES CORP.

May 1, 2013

	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge					Total Charge
		see note 1	see note 2	see note 2	see note 2						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.02041	-0.00276	-0.005192	-0.004603	0.15987	+(0.38799	+ 0.06448	= 0.45247	)= 0.62019	
Residential Multi-Family											
<i>Meter Class I</i>	11.00	0.02041	-0.00207	0.027572	0.013044	0.11929	+(0.38799	+ 0.06448	= 0.45247	)= 0.63072	
<i>Meter Class II</i>	33.00	0.02041	-0.00191	0.027572	0.013044	0.11929	+(0.38799	+ 0.06448	= 0.45247	)= 0.63088	
<i>Meter Class III</i>	88.00	0.02041	-0.00139	-0.013588	0.000174	0.10629	+(0.38799	+ 0.06448	= 0.45247	)= 0.56437	
<i>Meter Class IV</i>	143.00	0.02041	-0.00153	-0.013588	0.000174	0.10629	+(0.38799	+ 0.06448	= 0.45247	)= 0.56422	
Gas Light Rate-Residential						0.15987	+(0.38799	+ 0.06448	= 0.45247	)= 0.61234	
Customer Choice-Residential							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.06448			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.73	-0.02594	0.27572	0.13044	1.18760	+(3.8799	+ 0.6448	= 4.5247	)= 6.09252	
Large General Service	400.00	100.98	-0.02208			1.00940	+(3.8799	+ 0.6448	= 4.5247	)= 5.51202	
GasLight Rate-Commercial		12.94				1.18760	+(3.8799	+ 0.6448	= 4.5247	)= 5.71230	
Customer Choice-Comm. & Ind.							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.64480			
Transportation											
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo									
TR-1	825.00	38.87	864	-0.0113	0.7777	0.6277					
TR-2	2,250.00	115.34	2,365	-0.0059	0.4796	0.3296					
TR-3	3,050.00	399.72	3,450	-0.0033	0.4651	0.3151					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-1675

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

May 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.25	0.01695	0.17342	+(0.42157	+ 0.07617	= 0.49774	)= 0.68811
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.54	6.24	1.8203	+(4.21570	+ 0.7617	+ 4.9774	)= 6.79770
General Service (GS-2)	35.00	3.43	6.24	1.3932	+(4.21570	+ 0.7617	+ 4.9774	)= 6.37060
General Service (GS-3)	105.00	16.27	6.24	1.0985	+(4.21570	+ 0.7617	+ 4.9774	)= 6.07590
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	350.00	45.04	90.79	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	231.55	90.79	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	90.79	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Note 2: Effective January 1, 2011, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-16169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.49058	= 0.58962
Seasonal	10.00	0.09904	+ 0.49058	= 0.58962
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.9058	= 5.7572
Small Seasonal	19.12	0.8514	+ 4.9058	= 5.7572
Large	108.83	0.6214	+ 4.9058	= 5.5272
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.50382	= 0.63932
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.0382	= 5.8832
Firm (304?)	482.79	0.8450	+ 5.0382	= 5.8832
Interruptible	126.39	0.3300	+ 5.0382	= 5.3682
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more detailsRate Information at xcelenergy.com

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decrease</i>	4.6192	4.6260 /Mcf	<u>U-17133</u>
DTE Gas Company	<i>Increase</i>	4.7400	4.7400 /Mcf	<u>U-17131</u>
Michigan Gas Utilities Corp	<i>Increase</i>	4.5247	4.5247 /Mcf	<u>U-17130</u>
Presque Isle E. & G. Coop.	<i>Decrease</i>	5.4170	5.4170 /Mcf	<u>U-17135</u>
SEMCO Energy Gas Co	<i>Decrease</i>	3.8000	4.7299 /Dth	<u>U-17132</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.5972	4.6388 /Dth	<u>U-17060</u>
Xcel Energy	<i>Increase</i>	5.0382	5.0700 /Dth	<u>U-17134</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503	5.4503	4.6192		/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503			/Mcf
-U-17133 - As Filed or as Ordered				4.6260		/Mcf
DTE Gas Company						
- As Currently Billed	4.7900	4.7200	4.7200	4.7400		/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800			/Mcf
-U-17131 - As Filed or as Ordered				4.7400		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0000	4.0000	4.0000	4.5247		/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092			/Mcf
-U-17130 - As Filed or as Ordered				4.5247		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640	5.7640	5.4170		/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640			/Mcf
-U-17135-As Filed or as Ordered				5.4170		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1833	4.1098	4.0800	3.8000		/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466			/Dth
-U-16922 - As Filed or as Ordered				4.7299		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	4.6388	4.6353	4.5320	4.5972		/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388	4.6388		/Dth
Xcel Energy						
- As Currently Billed	4.4846	4.4846	4.4846	5.0382		/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610			/Dth
-U-17134 - As Filed or as Ordered				5.0700		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.29497	+ 0.46192	= 0.75689	\$86.19	8%
DTE Gas Company	10.31	0.28057	+ 0.47400	= 0.75457	\$85.77	8%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.45247	= 0.62019	\$73.02	-8%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5417	0.99610	\$111.61	40%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.75	0.19037	+ 0.38000	= 0.57037	\$68.79	-14%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.45972	= 0.55876	\$60.88	-23%
Xcel Energy	6.50	0.13550	+ 0.50382	= 0.63932	\$70.43	-11%
AVERAGE RATE	9.58	0.23180	0.46766	0.61203	\$79.53	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2013

	Customer Charge	Energy Efficiency Surcharge see note 2	PRDM Charge see note 3	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)						
					(volumetric charges in \$/Ccf metered)	
Sales					From Utility	
Rate A	10.50	0.02243 +	0.0120 +	0.26054 +	0.46192 =	0.75689
Rate A-1 Residential Multi-Family	10.50	0.02243 +	0.0120 +	0.26054 +	0.46192 =	0.75689
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	10.50			0.26054 +	per contract	
* including EO Surcharge (Note 2)						
(volumetric charges in \$/Mcf metered)						
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)						
Sales					From Utility	
General Service - Rate GS-1	11.65	0.1601	0.3089	2.17840 +	4.6192 =	7.2666
General Service - Rate GS-2	18.70	0.1601	0.3089	1.95900 +	4.6192 =	7.0472
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1601	0.3089	1.01830 +	4.6192 =	6.1065
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0093	0.3089	1.01830 +	4.6192 =	5.9557
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1601	0.1104	0.8988	per contract	
ST Optional Maximum Rate		0.1601	0.1104	1.5676	per contract	
ST Optional Minimum Rate		0.1601	0.1104	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0093	0.1104	0.8988	per contract	
ST Optional Maximum Rate		0.0093	0.1104	1.5676	per contract	
ST Optional Minimum Rate		0.0093	0.1104	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1601	0.1104	0.5859	per contract	
LT Optional Maximum Rate		0.1601	0.1104	0.9418	per contract	
LT Optional Minimum Rate		0.1601	0.1104	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0093	0.1104	0.5859	per contract	
LT Optional Maximum Rate		0.0093	0.1104	0.9418	per contract	
LT Optional Minimum Rate		0.0093	0.1104	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1601	0.1104	0.4634	per contract	
XLT Optional Maximum Rate		0.1601	0.1104	0.7768	per contract	
XLT Optional Minimum Rate		0.1601	0.1104	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0093	0.1104	0.4634	per contract	
XLT Optional Maximum Rate		0.0093	0.1104	0.7768	per contract	
XLT Optional Minimum Rate		0.0093	0.1104	0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER (\$/month)						
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00				includes gas	
2.6 to 4.5 CF/Hr	22.00				includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Note 3: Effective February 2013 thru April 2013 Pilot Revenue Decoupling Mechanism Charge (case U-16860)

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY

April 1, 2013

	Customer Charge	LIEEF Surcharge	EO Surcharge	RDM Adj. U-16877	RDM Adj. U-17103	UETM Adj.	Distribution Charge	GCR Factor	Total Charge
	See note 6	see note 3	see note 4	see note 5	see note 1				
	(\$/month)					(volumetric charges in \$/Ccf metered)			
RESIDENTIAL SERVICE									
Sales								From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	-0.19	0.01842	0.01190	0.00492	-0.00409	0.24942	+ 0.47400	= 0.75457
Residential Multi Family Rate 2A Class 1	10.50	-1.50	0.01426	-0.06957	-0.06494	-0.00493	0.24942	+ 0.47400	= 0.59824
Residential Multi Family Rate 2A Class 2	26.20	-1.50	0.01426	-0.00238	-0.005	-0.00236	0.24942	+ 0.47400	= 0.72794
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	-0.19	0.01842	0.01832	0.01017	-0.00409	0.24942	+ 0.47400	= 0.76624
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE									
	(\$/month)					(volumetric charges in \$/Mcf metered)			
Sales								From Utility	
Rate GS-1	26.20	-1.09	0.1426	0.1971	0.0769	-0.0617	2.4821	+ 4.7400	= 7.5770
Rate GS-2 (<100,000 Mcf)	590.00	-1.09	0.1426			-0.0538	1.9995	+ 4.7400	= 6.8283
Rate GS-2 (>100,000 Mcf)	590.00	-1.09	0.0102			-0.0538	1.9995	+ 4.7400	= 6.6959
Rate S	200.00	-75.97	0.1426	0.1661	0.3779	-0.1154	1.5968	+ 4.7400	= 6.9080
Customer Choice								From Others	
alternative suppliers	(see above)						(see above)	per contract	
Transportation								From Others	
Rate ST (cost based rate)	2030.00	-9.93	0.0102			-0.0098	0.7959	per contract	
Maximum (optional)	2030.00	-9.93	0.0102			-0.0098	1.3618	per contract	
Minimum (optional)	2030.00	-9.93	0.0102			-0.0098	0.2300	per contract	
Rate LT (cost based rate)	3660.00	-35.66	0.0102			0.0042	0.6001	per contract	
Maximum (optional)	3660.00	-35.66	0.0102			0.0042	0.9702	per contract	
Minimum (optional)	3660.00	-35.66	0.0102			0.0042	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	-180.59	0.0102			0.0281	0.5068	per contract	
Maximum (optional)	9100.00	-180.59	0.0102			0.0281	0.8336	per contract	
Minimum (optional)	9100.00	-180.59	0.0102			0.0281	0.1800	per contract	
Rate XXLT (cost based rate)	120000.00	-1587.56	0.0102			-0.0344	0.1652	per contract	
Maximum (optional)	120000.00	-1587.56	0.0102			-0.0344	0.8336	per contract	
Minimum (optional)	120000.00	-1587.56	0.0102			-0.0344	0.0500	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00								
Unauthorized Gas Usage Charge							10.0000		
Load Balancing Storage Charge							0.25/MMBtu		

Note 1: The 2011 UETM is effective from November 1, 2012.**Note 2:** Low Income customers on Rates A & AS receive a \$10.50 credit per month year round**Note 3:** Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.**Note 4:** Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.**Note 5:** Effective April, 2013 through March, 2014 per Order in U-17103**Note 6:** Effective on and after April, 2013[Rates at utilities.dteenergy.com](http://utilities.dteenergy.com) (PDF version)[My.dteenergy.com](#) for understanding your billRates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

April 1, 2013

	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge					Total Charge
		see note 1	see note 2	see note 2	see note 2						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.02041	-0.00276	-0.005192	-0.004603	0.15987	+(0.38799	+ 0.06448	= 0.45247	)= 0.62019	
Residential Multi-Family											
<i>Meter Class I</i>	11.00	0.02041	-0.00207	0.027572	0.013044	0.11929	+(0.38799	+ 0.06448	= 0.45247	)= 0.63072	
<i>Meter Class II</i>	33.00	0.02041	-0.00191	0.027572	0.013044	0.11929	+(0.38799	+ 0.06448	= 0.45247	)= 0.63088	
<i>Meter Class III</i>	88.00	0.02041	-0.00139	-0.013588	0.000174	0.10629	+(0.38799	+ 0.06448	= 0.45247	)= 0.56437	
<i>Meter Class IV</i>	143.00	0.02041	-0.00153	-0.013588	0.000174	0.10629	+(0.38799	+ 0.06448	= 0.45247	)= 0.56422	
Gas Light Rate-Residential						0.15987	+(0.38799	+ 0.06448	= 0.45247	)= 0.61234	
Customer Choice-Residential							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.06448			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.73	-0.02594	0.27572	0.13044	1.18760	+(3.8799	+ 0.6448	= 4.5247	)= 6.09252	
Large General Service	400.00	100.98	-0.02208			1.00940	+(3.8799	+ 0.6448	= 4.5247	)= 5.51202	
GasLight Rate-Commercial		12.94				1.18760	+(3.8799	+ 0.6448	= 4.5247	)= 5.71230	
Customer Choice-Comm. & Ind.							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.64480			
Transportation											
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo									
TR-1	825.00	38.87	864	-0.0113	0.7777	0.6277					
TR-2	2,250.00	115.34	2,365	-0.0059	0.4796	0.3296					
TR-3	3,050.00	399.72	3,450	-0.0033	0.4651	0.3151					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-1675

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

April 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.25	0.01695	0.17342	+(0.30383	+ 0.07617	= 0.38000	)= 0.57037
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07617		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.54	6.24	1.8203	+(3.03830	+ 0.7617	+ 3.8000	)= 5.62030
General Service (GS-2)	35.00	3.43	6.24	1.3932	+(3.03830	+ 0.7617	+ 3.8000	)= 5.19320
General Service (GS-3)	105.00	16.27	6.24	1.0985	+(3.03830	+ 0.7617	+ 3.8000	)= 4.89850
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.76170		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	45.04	90.79	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	231.55	90.79	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	90.79	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Note 2: Effective January 1, 2011, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-16169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.45972	= 0.55876
Seasonal	10.00	0.09904	+ 0.45972	= 0.55876
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.5972	= 5.4486
Small Seasonal	19.12	0.8514	+ 4.5972	= 5.4486
Large	108.83	0.6214	+ 4.5972	= 5.2186
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5417	0.9961
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.4170	8.6200
Large	188.00	2.3360	5.4170	7.7530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.50382	= 0.63932
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.0382	= 5.8832
Firm (304?)	482.79	0.8450	+ 5.0382	= 5.8832
Interruptible	126.39	0.3300	+ 5.0382	= 5.3682
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Same	5.4503	5.4503	/Mcf U-16924
DTE Gas Company	Same	4.7200	5.1800	/Mcf U-16921
Michigan Gas Utilities Corp	Same	4.0000	4.0092	/Mcf U-16920
Presque Isle E. & G. Coop.	Same	5.7640	5.7640	/Mcf U-16926
SEMCO Energy Gas Co	Decrease	4.0800	4.1466	/Dth U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	Decrease	4.5320	4.6388	/Dth U-17060
Xcel Energy	Same	4.4846	4.9610	/Dth U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503	5.4503			/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503	5.4503			/Mcf
DTE Gas Company						
- As Currently Billed	4.7900	4.7200	4.7200			/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0000	4.0000	4.0000			/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092	4.0092			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640	5.7640			/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1833	4.1098	4.0800			/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098	4.1466			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	4.6388	4.6353	4.5320			/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388	4.6388			/Dth
Xcel Energy						/Dth
- As Currently Billed	4.4846	4.4846	4.4846			/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
DTE Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	10.50	0.28964	+ 0.54503	= 0.83467	\$93.97	18%
DTE Gas Company	10.50	0.27565	+ 0.47200	= 0.74765	\$85.27	7%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.40000	= 0.56772	\$67.77	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	44%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.75	0.19037	+ 0.40800	= 0.59837	\$71.59	-10%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.45320	= 0.55224	\$60.22	-25%
Xcel Energy	6.50	0.13550	+ 0.44846	= 0.58396	\$64.90	-19%
AVERAGE RATE	9.61	0.23033	0.47187	0.61443	\$79.83	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2013

RESIDENTIAL SERVICE												(\$/month)	Customer Charge	Energy Efficiency Surcharge see note 2	PRDM Charge see note 3	Interim Rate Increase Refund see note 4	Distribution Charge	GCR Factor	Total Vol Charge				
Sales												(volumetric charges in \$/Ccf metered)											
Rate A												10.50	0.02243	+	0.0120	+	-0.0053	+	0.26054	+	0.54503	=	0.83467
Rate A-1 Residential Multi-Family												10.50	0.02243	+	0.0120	+	-0.0054	+	0.26054	+	0.54503	=	0.83456
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)																							
Customer Choice												From Others											
alternative suppliers												10.50	0.26054 + per contract										
												* including EO Surcharge (Note 2)											
COMMERCIAL & INDUSTRIAL SERVICE												(\$/month)	(volumetric charges in \$/Mcf metered)										
Sales												From Utility											
General Service - Rate GS-1												11.65	0.1601		0.3089		-0.0331		2.17840	+	5.4503	=	8.0646
General Service - Rate GS-2												18.70	0.1601		0.3089		-0.0229		1.95900	+	5.4503	=	7.8554
General Service - Rate GS-3 (0-100,000 Year)												543.90	0.1601		0.3089		-0.0207		1.01830	+	5.4503	=	6.9169
General Service - Rate GS-3 (>100,000 Year)												543.90	0.0093		0.3089		-0.0207		1.01830	+	5.4503	=	6.7661
Customer Choice												From Others											
alternative suppliers												(see above)	(see above)										
Transportation												From Others											
Rate ST Cost Based Rate (0-100,000 Year)												586.60	0.1601		0.1104		-0.0164		0.8988	per contract			
ST Optional Maximum Rate													0.1601		0.1104		-0.0164		1.5676	per contract			
ST Optional Minimum Rate													0.1601		0.1104		-0.0164		0.2300	per contract			
Rate ST Cost Based Rate (>100,000 Year)												586.60	0.0093		0.1104		-0.0164		0.8988	per contract			
ST Optional Maximum Rate													0.0093		0.1104		-0.0164		1.5676	per contract			
ST Optional Minimum Rate													0.0093		0.1104		-0.0164		0.2300	per contract			
Rate LT Cost Based Rate (0-100,000 Year)												3,194.20	0.1601		0.1104		-0.0116		0.5859	per contract			
LT Optional Maximum Rate													0.1601		0.1104		-0.0116		0.9418	per contract			
LT Optional Minimum Rate													0.1601		0.1104		-0.0116		0.2300	per contract			
Rate LT Cost Based Rate (>100,000 Year)												3,194.20	0.0093		0.1104		-0.0116		0.5859	per contract			
LT Optional Maximum Rate													0.0093		0.1104		-0.0116		0.9418	per contract			
LT Optional Minimum Rate													0.0093		0.1104		-0.0116		0.2300	per contract			
Rate XLT Cost Based Rate (0-100,000 Year)												8,229.40	0.1601		0.1104		-0.0104		0.4634	per contract			
XLT Optional Maximum Rate													0.1601		0.1104		-0.0104		0.7768	per contract			
XLT Optional Minimum Rate													0.1601		0.1104		-0.0104		0.1500	per contract			
Rate XLT Cost Based Rate (>100,000 Year)												8,229.40	0.0093		0.1104		-0.0104		0.4634	per contract			
XLT Optional Maximum Rate													0.0093		0.1104		-0.0104		0.7768	per contract			
XLT Optional Minimum Rate													0.0093		0.1104		-0.0104		0.1500	per contract			
XLT Remote Meter Charge												70.00							per contract				
OTHER												(\$/month)											
Outdoor Gas Light - Rate GL																							
up to 2.5 CF/Hr												14.00							includes gas				
2.6 to 4.5 CF/Hr												22.00							includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Note 3: Effective February 2013 thru April 2013 Pilot Revenue Decoupling Mechanism Charge (case U-16860)

Note 4: Effective for bills rendered on and after the Company's March 2013 Billing Month per Case No. U-16855

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

DTE GAS COMPANY

March 1, 2013

	Customer Charge	EO Surcharge see note 3	RDM Adj. see note 4	UETM Adj. see note 1	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month) (volumetric charges in \$/Ccf metered)							
Sales						From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.01842	0.01190	-0.00409	0.24942	+ 0.47200	= 0.74765
Residential Multi Family Rate 2A Class 1	10.50	0.01426	-0.06957	-0.00493	0.24942	+ 0.47200	= 0.66118
Residential Multi Family Rate 2A Class 2	26.20	0.01426	-0.00238	-0.00236	0.24942	+ 0.47200	= 0.73094
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.01842	0.01832	-0.00409	0.24942	+ 0.47200	= 0.75407
Customer Choice						From Others	
alternative suppliers (see above)					(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month) (volumetric charges in \$/Mcf metered)							
Sales						From Utility	
Rate GS-1	26.20	0.1426	0.1971	-0.0617	2.4821	+ 4.7200	= 7.4801
Rate GS-2 (<100,000 Mcf)	590.00	0.1426		-0.0538	1.9995	+ 4.7200	= 6.8083
Rate GS-2 (>100,000 Mcf)	590.00	0.0102		-0.0538	1.9995	+ 4.7200	= 6.6759
Rate S	200.00	0.1426	0.1661	-0.1154	1.5968	+ 4.7200	= 6.5101
Customer Choice						From Others	
alternative suppliers (see above)					(see above)	per contract	
Transportation						From Others	
Rate ST (cost based rate)	2030.00	0.0102		-0.0098	0.7959	per contract	
Maximum (optional)	2030.00	0.0102		-0.0098	1.3618	per contract	
Minimum (optional)	2030.00	0.0102		-0.0098	0.2300	per contract	
Rate LT (cost based rate)	3660.00	0.0102		0.0042	0.6001	per contract	
Maximum (optional)	3660.00	0.0102		0.0042	0.9702	per contract	
Minimum (optional)	3660.00	0.0102		0.0042	0.2300	per contract	
Rate XLT (cost based rate)	9100.00	0.0102		0.0281	0.5068	per contract	
Maximum (optional)	9100.00	0.0102		0.0281	0.8336	per contract	
Minimum (optional)	9100.00	0.0102		0.0281	0.1800	per contract	
Rate XXL (cost based rate)	120000.00	0.0102		-0.0344	0.1652	per contract	
Maximum (optional)	120000.00	0.0102		-0.0344	0.8336	per contract	
Minimum (optional)	120000.00	0.0102		-0.0344	0.0500	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00						
Unauthorized Gas Usage Charge					10.0000		
Load Balancing Storage Charge					0.25/MMBtu		

Note 1: The 2011 UETM is effective from November 1, 2012.**Note 2:** Low Income customers on Rates A & AS receive a \$10.50 credit per month year round**Note 3:** Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.**Note 4:** Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.[Customer Attachment Program](#) surcharges are in addition to rates above[Rates at utilities.dteenergy.com \(PDF version\)](#)[My.dteenergy.com for understanding your bill](#)Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

March 1, 2013

	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge						Total Charge
		see note 1	see note 2	see note 2	see note 2							
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)						
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	11.00	0.02041	-0.00276	-0.005192	-0.004603	0.15987	+(0.33269	+ 0.06731	= 0.40000	)= 0.56772	
Residential Multi-Family												
Meter Class I	11.00	0.02041	-0.00207	0.027572	0.013044	0.11929	+(0.33269	+ 0.06731	= 0.40000	)= 0.57825	
Meter Class II	33.00	0.02041	-0.00191	0.027572	0.013044	0.11929	+(0.33269	+ 0.06731	= 0.40000	)= 0.57841	
Meter Class III	88.00	0.02041	-0.00139	-0.013588	0.000174	0.10629	+(0.33269	+ 0.06731	= 0.40000	)= 0.51190	
Meter Class IV	143.00	0.02041	-0.00153	-0.013588	0.000174	0.10629	+(0.33269	+ 0.06731	= 0.40000	)= 0.51175	
Gas Light Rate-Residential						0.15987	+(0.33269	+ 0.06731	= 0.40000	)= 0.55987	
Customer Choice-Residential							From Others	Reservation Charge				
alternative suppliers	(see above)	(see above)					+ per contract	+ 0.06731				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)						
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	33.00	4.73	-0.02594	0.27572	0.13044	1.18760	+(3.3269	+ 0.6731	= 4.0000	)= 5.56782	
Large General Service	400.00	100.98	-0.02208			1.00940	+(3.3269	+ 0.6731	= 4.0000	)= 4.98732	
GasLight Rate-Commercial		12.94				1.18760	+(3.3269	+ 0.6731	= 4.0000	)= 5.18760	
Customer Choice-Comm. & Ind.							From Others	Reservation Charge				
alternative suppliers	(see above)	(see above)					+ per contract	+ 0.67310				
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)						
Transportation		\$/mo				(volumetric charges in \$/Mcf metered)						
TR-1	825.00	38.87	864	-0.0113	0.7777	0.6277						
TR-2	2,250.00	115.34	2,365	-0.0059	0.4796	0.3296						
TR-3	3,050.00	399.72	3,450	-0.0033	0.4651	0.3151						

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-1675

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

March 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.25	0.01695	0.17342	+(0.33325	+ 0.07475	= 0.40800	)= 0.59837
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07475		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.54	6.24	1.8203	+(3.33250	+ 0.7475	+ 4.0800	)= 5.90030
General Service (GS-2)	35.00	3.43	6.24	1.3932	+(3.33250	+ 0.7475	+ 4.0800	)= 5.47320
General Service (GS-3)	105.00	16.27	6.24	1.0985	+(3.33250	+ 0.7475	+ 4.0800	)= 5.17850
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.74750		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (\$/Dth (Nov - Mar)	Distribution Charge Off-Peak (\$/Dth (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	350.00	45.04	90.79	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	231.55	90.79	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	90.79	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Note 2: Effective January 1, 2011, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-16169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.45320	= 0.55224
Seasonal	10.00	0.09904	+ 0.45320	= 0.55224
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.5320	= 5.3834
Small Seasonal	19.12	0.8514	+ 4.5320	= 5.3834
Large	108.83	0.6214	+ 4.5320	= 5.1534
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.44846	= 0.58396
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.4846	= 5.3296
Firm (304?)	482.79	0.8450	+ 4.4846	= 5.3296
Interruptible	126.39	0.3300	+ 4.4846	= 4.8146
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Same	5.4503	5.4503	/Mcf U-16924
Michigan Consolidated Gas Co	Decrease	4.7200	5.1800	/Mcf U-16921
Michigan Gas Utilities Corp	Same	4.0000	4.0920	/Mcf U-16920
Presque Isle E. & G. Coop.	Same	5.7640	5.7640	/Mcf U-16926
SEMCO Energy Gas Co	Decrease	4.1098	4.1098	/Dth U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	Decrease	4.6353	4.6388	/Dth U-17060
Xcel Energy	Same	4.4846	4.9610	/Dth U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503				/Mcf
-U-16924 - As Filed or as Ordered	5.4503	5.4503				/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	4.7900	4.7200				/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0000	4.0000				/Mcf
-U-16920 - As Filed or as Ordered	4.0690	4.0092				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640				/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1833	4.1098				/Dth
-U-16922 - As Filed or as Ordered	4.1833	4.1098				/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	4.6388	4.6353				/Dth
-U-17060 - As Filed or as Ordered	4.6388	4.6388				/Dth
Xcel Energy						
- As Currently Billed	4.4846	4.4846				/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922 - As Filed or as Ordered						/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February 1, 2013

	Monthly Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.29497	+ 0.54503	= 0.84000	\$94.50	18%
Michigan Consolidated Gas Co	10.50	0.27565	+ 0.47200	= 0.74765	\$85.27	6%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.40000	= 0.56772	\$67.77	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	44%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.75	0.19037	+ 0.41098	= 0.60135	\$71.89	-10%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.46353	= 0.56257	\$61.26	-24%
Xcel Energy	6.50	0.13550	+ 0.44846	= 0.58396	\$64.90	-19%
AVERAGE RATE	9.61	0.23109	0.47377	0.61676	\$80.09	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2013

	Customer Charge	Energy Efficiency Surcharge see note 2	PRDM Charge see note 3	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month)						
					(volumetric charges in \$/Ccf metered)	
Sales					From Utility	
Rate A	10.50	0.02243 +	0.0120 +	0.26054 +	0.54503 =	0.84000
Rate A-1 Residential Multi-Family	10.50	0.02243 +	0.0120 +	0.26054 +	0.54503 =	0.84000
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice					From Others	
alternative suppliers	10.50			0.26054 +	per contract * including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)						
					(volumetric charges in \$/Mcf metered)	
Sales					From Utility	
General Service - Rate GS-1	11.65	0.1601	0.3089	2.17840 +	5.4503 =	8.0977
General Service - Rate GS-2	18.70	0.1601	0.3089	1.95900 +	5.4503 =	7.8783
General Service - Rate GS-3 (0-100,000 Year)	543.90	0.1601	0.3089	1.01830 +	5.4503 =	6.9376
General Service - Rate GS-3 (>100,000 Year)	543.90	0.0093	0.3089	1.01830 +	5.4503 =	6.7868
Customer Choice					From Others	
alternative suppliers	(see above)			(see above)	per contract	
Transportation					From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	0.1601	0.1104	0.8988	per contract	
ST Optional Maximum Rate		0.1601	0.1104	1.5676	per contract	
ST Optional Minimum Rate		0.1601	0.1104	0.2300	per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.0093	0.1104	0.8988	per contract	
ST Optional Maximum Rate		0.0093	0.1104	1.5676	per contract	
ST Optional Minimum Rate		0.0093	0.1104	0.2300	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.1601	0.1104	0.5859	per contract	
LT Optional Maximum Rate		0.1601	0.1104	0.9418	per contract	
LT Optional Minimum Rate		0.1601	0.1104	0.2300	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.0093	0.1104	0.5859	per contract	
LT Optional Maximum Rate		0.0093	0.1104	0.9418	per contract	
LT Optional Minimum Rate		0.0093	0.1104	0.2300	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.1601	0.1104	0.4634	per contract	
XLT Optional Maximum Rate		0.1601	0.1104	0.7768	per contract	
XLT Optional Minimum Rate		0.1601	0.1104	0.1500	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.0093	0.1104	0.4634	per contract	
XLT Optional Maximum Rate		0.0093	0.1104	0.7768	per contract	
XLT Optional Minimum Rate		0.0093	0.1104	0.1500	per contract	
XLT Remote Meter Charge	70.00				per contract	
OTHER (\$/month)						
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00				includes gas	
2.6 to 4.5 CF/Hr	22.00				includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Note 3: Effective February 2013 thru April 2013 Pilot Revenue Decoupling Mechanism Charge (case U-16860)

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN CONSOLIDATED GAS COMPANY

February 1, 2013

	Customer Charge	EO Surcharge see note 3	RDM Adj. see note 4	UETM Adj. see note 1	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE (\$/month) (volumetric charges in \$/Ccf metered)							
Sales						From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.01842	0.01190	-0.00409	0.24942	+	0.47200 = 0.74765
Residential Multi Family Rate 2A Class 1	10.50	0.01426	-0.06957	-0.00493	0.24942	+	0.47200 = 0.66118
Residential Multi Family Rate 2A Class 2	26.20	0.01426	-0.00238	-0.00236	0.24942	+	0.47200 = 0.73094
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.01842	0.01832	-0.00409	0.24942	+	0.47200 = 0.75407
Customer Choice						From Others	
alternative suppliers (see above)					(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE (\$/month) (volumetric charges in \$/Mcf metered)							
Sales						From Utility	
Rate GS-1	26.20	0.1426	0.01971	-0.0617	2.4821	+	4.7200 = 7.3027
Rate GS-2 (<100,000 Mcf)	590.00	0.1426		-0.0538	1.9995	+	4.7200 = 6.8083
Rate GS-2 (>100,000 Mcf)	590.00	0.0102		-0.0538	1.9995	+	4.7200 = 6.6759
Rate S	200.00	0.1426	0.1661	-0.1154	1.5968	+	4.7200 = 6.5101
Customer Choice						From Others	
alternative suppliers (see above)					(see above)		per contract
Transportation						From Others	
Rate ST (cost based rate)	2030.00	0.0102		-0.0098	0.7959		per contract
Maximum (optional)	2030.00	0.0102		-0.0098	1.3618		per contract
Minimum (optional)	2030.00	0.0102		-0.0098	0.2300		per contract
Rate LT (cost based rate)	3660.00	0.0102		0.0042	0.6001		per contract
Maximum (optional)	3660.00	0.0102		0.0042	0.9702		per contract
Minimum (optional)	3660.00	0.0102		0.0042	0.2300		per contract
Rate XLT (cost based rate)	9100.00	0.0102		0.0281	0.5068		per contract
Maximum (optional)	9100.00	0.0102		0.0281	0.8336		per contract
Minimum (optional)	9100.00	0.0102		0.0281	0.1800		per contract
Rate XXL (cost based rate)	120000.00	0.0102		-0.0344	0.1652		per contract
Maximum (optional)	120000.00	0.0102		-0.0344	0.8336		per contract
Minimum (optional)	120000.00	0.0102		-0.0344	0.0500		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00						
Unauthorized Gas Usage Charge					10.0000		
Load Balancing Storage Charge					0.25/MMBtu		

Note 1: The 2011 UETM is effective from November 1, 2012.

Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

February 1, 2013

	Customer Charge	EO Charge	UETM Charge	RDM 2010 Charge	RDM 2011 Charge	Distribution Charge					Total Charge
		see note 1	see note 2	see note 2	see note 2						
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.02041	-0.00276	-0.005192	-0.004603	0.15987	+(0.33269	+ 0.06731	= 0.40000	)= 0.56772	
Residential Multi-Family											
<i>Meter Class I</i>	11.00	0.02041	-0.00207	0.027572	0.013044	0.11929	+(0.33269	+ 0.06731	= 0.40000	)= 0.57825	
<i>Meter Class II</i>	33.00	0.02041	-0.00191	0.027572	0.013044	0.11929	+(0.33269	+ 0.06731	= 0.40000	)= 0.57841	
<i>Meter Class III</i>	88.00	0.02041	-0.00139	-0.013588	0.000174	0.10629	+(0.33269	+ 0.06731	= 0.40000	)= 0.51190	
<i>Meter Class IV</i>	143.00	0.02041	-0.00153	-0.013588	0.000174	0.10629	+(0.33269	+ 0.06731	= 0.40000	)= 0.51175	
Gas Light Rate-Residential						0.15987	+(0.33269	+ 0.06731	= 0.40000	)= 0.55987	
Customer Choice-Residential							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.06731			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)					
Sales							Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	33.00	4.73	-0.02594	0.27572	0.13044	1.18760	+(3.3269	+ 0.6731	= 4.0000	)= 5.56782	
Large General Service	400.00	100.98	-0.02208			1.00940	+(3.3269	+ 0.6731	= 4.0000	)= 4.98732	
GasLight Rate-Commercial		12.94				1.18760	+(3.3269	+ 0.6731	= 4.0000	)= 5.18760	
Customer Choice-Comm. & Ind.							From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)					+ per contract	+ 0.67310			
Transportation											
	Customer Charge	EO Charge	Additional Meters	UETM Charge	On-Peak (Nov-Mar)	Off-Peak (Apr-Oct)					
		\$/mo									
TR-1	825.00	38.87	864	-0.0113	0.7777	0.6277					
TR-2	2,250.00	115.34	2,365	-0.0059	0.4796	0.3296					
TR-3	3,050.00	399.72	3,450	-0.0033	0.4651	0.3151					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-1675

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

[Rates at michiganasutilities.com](#)

[Understanding your bill at michiganasutilities.com](#)

[Rate Books](#)

SEMCO

SEMCO ENERGY GAS COMPANY

February 1, 2013

	Customer Charge	Rider MRP Charge	EO Charge	Distribution Charge				Total Charge
		see note 2	see note 1					
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.25	0.01695	0.17342	+(0.33623	+ 0.07475	= 0.41098	)= 0.60135
<u>Customer Choice-Residential alternative suppliers</u>	11.50			0.17342	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.07475		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales					Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	11.50	0.54	6.24	1.8203	+(3.36230	+ 0.7475	+ 4.1098	)= 5.93010
General Service (GS-2)	35.00	3.43	6.24	1.3932	+(3.36230	+ 0.7475	+ 4.1098	)= 5.50300
General Service (GS-3)	105.00	16.27	6.24	1.0985	+(3.36230	+ 0.7475	+ 4.1098	)= 5.20830
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)			(see above)	+ From Others	+ Balancing and Demand Charge		
					+ per contract	+ 0.74750		
Transportation	Customer Charge (\$/month)			Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	350.00	45.04	90.79	75.00	per contract	0.9068	0.7568	0.0344
TR-2	1590.00	231.55	90.79	75.00	per contract	0.6279	0.4779	0.0344
TR-3	7290.00	500.00	90.79	75.00	per contract	0.4031	0.2531	0.0344
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Note 2: Effective January 1, 2011, customers will pay the Main Replacement Program (MRP) Rider pursuant to U-16169.

Rates at semcoenergy.com

[Customer Attachment Program](#)

[Understanding your bill at semcoenergygas.com](#)

surcharges are in addition to rates above

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.46353	= 0.56257
Seasonal	10.00	0.09904	+ 0.46353	= 0.56257
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.6353	= 5.4867
Small Seasonal	19.12	0.8514	+ 4.6353	= 5.4867
Large	108.83	0.6214	+ 4.6353	= 5.2567
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.44846	= 0.58396
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.4846	= 5.3296
Firm (304?)	482.79	0.8450	+ 4.4846	= 5.3296
Interruptible	126.39	0.3300	+ 4.4846	= 4.8146
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January 1, 2013

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Decrease</i>	4.7900	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Same</i>	4.0000	4.0690 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Same</i>	4.1833	4.1833 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.6388	4.6388 /Dth	U-17060
Xcel Energy	<i>Increase</i>	4.4846	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	5.4503					/Mcf
-U-16924 - As Filed or as Ordered	5.4503					/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	4.7900					/Mcf
-U-16921 - As Filed or as Ordered	5.1800					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.0000					/Mcf
-U-16920 - As Filed or as Ordered	4.0690					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640					/Mcf
-U-16926-As Filed or as Ordered	5.7640					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.1833					/Dth
-U-16922 - As Filed or as Ordered	4.1833					/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	4.6388					/Dth
-U-17060 - As Filed or as Ordered	4.6388					/Dth
Xcel Energy						
- As Currently Billed	4.4846					/Dth
-U-16925 - As Filed or as Ordered	4.9610					/Dth

(Rates set by local government regulation, not by the MPSC)

(Rates set by local government regulation, not by the MPSC)

(Rates set by local government regulation, not by the MPSC)

GAS COST RECOVERY FACTOR HISTORY

January, 2013

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-13 \$/unit	Aug-13 \$/unit	Sep-13 \$/unit	Oct-13 \$/unit	Nov-13 \$/unit	Dec-13 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-17060 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January 1, 2013

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28297	+ 0.54503	= 0.82800	\$93.30	16%
Michigan Consolidated Gas Co	10.50	0.27904	+ 0.47900	= 0.75804	\$86.30	8%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.40000	= 0.56772	\$67.77	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	44%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19037	+ 0.41833	= 0.60870	\$72.37	-10%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.46388	= 0.56292	\$61.29	-24%
Xcel Energy	6.50	0.13550	+ 0.44846	= 0.58396	\$64.90	-19%
AVERAGE RATE	9.57	0.22986	0.47587	0.61752	\$80.14	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2013

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
						<i>*including Surcharges (Note 2)</i>
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)
Sales				From Utility		
Rate A	10.50	0.28297	+	0.54503	=	0.82800
Rate A-1 Residential Multi-Family	10.50	0.28297	+	0.54503	=	0.82800
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)						
Customer Choice				From Others		
<u>alternative suppliers</u>	10.50	0.28297	+	per contract		
				* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)
Sales				From Utility		
General Service - Rate GS-1	11.65	2.33850	+	5.4503	=	7.7888
General Service - Rate GS-2	18.70	2.11910	+	5.4503	=	7.5694
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.17840	+	5.4503	=	6.6287
General Service - Rate GS-3 (>100,000 Year)	543.90	1.02760	+	5.4503	=	6.4779
Customer Choice				From Others		
<u>alternative suppliers</u>	(see above)	(see above)		per contract		
Transportation				From Others		
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0589		per contract		
ST Optional Maximum Rate		1.7277		per contract		
ST Optional Minimum Rate		0.3901		per contract		
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9081		per contract		
ST Optional Maximum Rate		1.5769		per contract		
ST Optional Minimum Rate		0.2393		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7460		per contract		
LT Optional Maximum Rate		1.1019		per contract		
LT Optional Minimum Rate		0.3901		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5952		per contract		
LT Optional Maximum Rate		0.9511		per contract		
LT Optional Minimum Rate		0.2393		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6235		per contract		
XLT Optional Maximum Rate		0.9369		per contract		
XLT Optional Minimum Rate		0.3101		per contract		
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4727		per contract		
XLT Optional Maximum Rate		0.7861		per contract		
XLT Optional Minimum Rate		0.1593		per contract		
XLT Remote Meter Charge	70.00			per contract		
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00	includes gas				
2.6 to 4.5 CF/Hr	22.00	includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January 1, 2013

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up (Note 4)		*Including UETM surcharges (note 1), EO surcharges (note 3), RDM surcharges/credit (note 5)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27904	+	0.47900 = 0.75804
Residential Multi Family Rate 2A Class 1	10.50	0.19031	+	0.47900 = 0.66931
Residential Multi Family Rate 2A Class 2	26.20	0.25953	+	0.47900 = 0.73853
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28546	+	0.47900 = 0.76446
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	26.20	2.7660	+	4.7900 = 7.5560
Rate GS-2 (<100,000 Mcf)	1142.81	2.0942	+	4.7900 = 6.8842
Rate GS-2 (>100,000 Mcf)	1142.81	1.9566	+	4.7900 = 6.7466
Rate S	784.27	1.7960	+	4.7900 = 6.5860
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.7970		per contract
<i>Maximum (optional)</i>	2030.00	1.3629		per contract
<i>Minimum (optional)</i>	2030.00	0.2311		per contract
Rate LT (cost based rate)	3660.00	0.6152		per contract
<i>Maximum (optional)</i>	3660.00	0.9853		per contract
<i>Minimum (optional)</i>	3660.00	0.2451		per contract
Rate XLT (cost based rate)	9100.00	0.5458		per contract
<i>Maximum (optional)</i>	9100.00	0.8726		per contract
<i>Minimum (optional)</i>	9100.00	0.2190		per contract
Rate XXLT (cost based rate)	120000.00	0.1417		per contract
<i>Maximum (optional)</i>	120000.00	0.8101		per contract
<i>Minimum (optional)</i>	120000.00	0.0265		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2011 UETM effective from November 1, 2012.

Note 2: Low Income customers on Rates A & AS receive a \$10.50 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges are effective June, 2012 only. Additional one-month refunds effective October 2012 for Schedules A, 2All, GS-1, and ST.

Note 5: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

January 1, 2013

NORTHSTAR GAS UTILITIES CORP.			January 1, 2019			
	Customer Charge*	Distribution Charge*	Total Vol Charge			
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)						
Including surcharges (See Note 2)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	11.00	0.16772	+(0.33269	+ 0.06731	= 0.40000	)= 0.56772
Residential Multi-Family						
<i>Meter Class I</i>	11.00	0.17825	+(0.33269	+ 0.06731	= 0.40000	)= 0.57825
<i>Meter Class II</i>	33.00	0.17841	+(0.33269	+ 0.06731	= 0.40000	)= 0.57841
<i>Meter Class III</i>	88.00	0.11190	+(0.33269	+ 0.06731	= 0.40000	)= 0.51190
<i>Meter Class IV</i>	143.00	0.11175	+(0.33269	+ 0.06731	= 0.40000	)= 0.51175
Gas Light Rate-Residential	0.00	0.15987	+(0.33269	+ 0.06731	= 0.40000	)= 0.55987
Customer Choice-Residential			From Others	Reservation Charge		
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract +	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	37.73	1.56782	+(3.3269	+ 0.6731	= 4.0000	)= 5.56782
Large General Service	500.98	0.98732	+(3.3269	+ 0.6731	= 4.0000	)= 4.98732
GasLight Rate-Commercial	12.94	1.18760	+(3.3269	+ 0.6731	= 4.0000	)= 5.18760
Customer Choice-Comm. & Ind.			From Others	Reservation Charge		
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract +	0.67310		
Transportation	TR-1	TR-2	TR-3			
Fixed Charges	\$/Mo	\$/Mo	\$/Mo			
<i>Customer Charge</i>	825	2,250	3,050			
<i>EO Surcharge</i>	38.87	115.34	399.72			
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf			
<i>On-Peak (Nov - Mar)</i>	0.7664	0.4737	0.4618			
<i>Off-Peak (Apr - Oct)</i>	0.6164	0.3237	0.3118			
<i>Reservation Charge</i>	0.6731	0.6731	0.6731			
Additional Meters	\$/Mo	\$/Mo	\$/Mo			
<i>Customer Charge</i>	825	2,250	3,050			
<i>EO Surcharge</i>	38.87	115.34	399.72			

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16752

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 4: Effective for bills rendered on and after September 1, 2012, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16976.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michiganagasutilities.com](#)

[Understanding your bill at michiganagasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January 1, 2013

	Customer Charge		Distribution Charge				Total Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)		
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.19037	+(0.34222	+ 0.07611	= 0.41833	)= 0.60870	
<u>Customer Choice-Residential alternative suppliers</u>	11.50	0.19037	+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)		
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	17.74	1.8203	+(3.42220	+ 0.7611	+ 4.1833	)= 6.00360	
General Service (GS-2)	41.24	1.3932	+(3.42220	+ 0.7611	+ 4.1833	)= 5.57650	
General Service (GS-3)	111.24	1.0985	+(3.42220	+ 0.7611	+ 4.1833	)= 5.28180	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)	Firm Balancing Charge (\$/Dth)	
TR-1	440.79	75.00	per contract	0.9068	0.7568	0.0344	
TR-2	1680.79	75.00	per contract	0.6279	0.4779	0.0344	
TR-3	7380.79	75.00	per contract	0.4031	0.2531	0.0344	

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2013

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.46388	= 0.56292
Seasonal	10.00	0.09904	+ 0.46388	= 0.56292
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.6388	= 5.4902
Small Seasonal	19.12	0.8514	+ 4.6388	= 5.4902
Large	108.83	0.6214	+ 4.6388	= 5.2602
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.44846	= 0.58396
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.4846	= 5.3296
Firm (304?)	482.79	0.8450	+ 4.4846	= 5.3296
Interruptible	126.39	0.3300	+ 4.4846	= 4.8146
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](http://www.xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Increase</i>	4.0000	4.1246 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Decrease</i>	4.1833	4.1833 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.5338	4.5388 /Dth	U-17060
Xcel Energy	<i>Same</i>	4.2940	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924 - As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920 - As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922 - As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							/Dth
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925 - As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12 \$/unit	Aug-12 \$/unit	Sep-12 \$/unit	Oct-12 \$/unit	Nov-12 \$/unit	Dec-12 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	5.4503	5.4503	5.4503	5.4503	5.4503	5.4503	/Mcf
-U-16924-As Filed or as Ordered	5.4503	5.4503	5.4503	5.4503	5.4503	5.4503	/Mcf
Mich Consolidated Gas Company							
- As Currently Billed	5.1800	5.1800	5.1800	5.1800	5.1800	5.1800	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800	5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	4.6475	3.9353	3.9353	3.9353	3.9353	4.0000	/Mcf
-U-16920 - As Filed or as Ordered	4.6475	4.6475	4.6475	3.9753	4.0709	4.1246	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	5.7640	5.7640	5.7640	5.7640	5.7640	5.7640	/Mcf
-U-16926 - As Filed or as Ordered	5.7640	5.7640	5.7640	5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.2500	4.1500	4.1466	4.0363	4.2200	4.1833	/Dth
-U-16922 - As Filed or as Ordered	4.8726	4.8726	4.1466	4.0363	4.2201	4.1833	/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	3.5956	3.1301	3.5394	3.2031	4.4691	4.5388	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102			/Dth
-U-17060 - As Filed or as Ordered					4.5388	4.5388	/Dth
Xcel Energy							
- As Currently Billed	4.2305	4.2305	4.2305	4.2940	4.2940	4.2940	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610	4.9610	4.9610	4.9610	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

RESIDENTIAL RATE COMPARISONS

December 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	10.50	0.26682	+ 0.54503	= 0.81185	\$91.69	15%
Michigan Consolidated Gas Co	10.50	0.27858	+ 0.51800	= 0.79658	\$90.16	13%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.40000	= 0.56772	\$67.77	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	44%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19037	+ 0.41833	= 0.60870	\$72.37	-10%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.45338	= 0.55242	\$60.24	-25%
Xcel Energy	6.50	0.13550	+ 0.42940	= 0.56490	\$62.99	-21%
AVERAGE RATE	9.57	0.22749	0.47722	0.61662	\$80.04	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Notes 2&3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26682	+	0.54503 = 0.81185
Rate A-1 Residential Multi-Family	10.50	0.26500	+	0.54503 = 0.81003
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26682	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.30210	+	5.4503 = 7.7524
General Service - Rate GS-2	18.70	2.08830	+	5.4503 = 7.5386
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.15270	+	5.4503 = 6.6030
General Service - Rate GS-3 (>100,000 Year)	543.90	1.00190	+	5.4503 = 6.4522
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0581		per contract
ST Optional Maximum Rate		1.7269		per contract
ST Optional Minimum Rate		0.3893		per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9073		per contract
ST Optional Maximum Rate		1.5761		per contract
ST Optional Minimum Rate		0.2385		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7456		per contract
LT Optional Maximum Rate		1.1015		per contract
LT Optional Minimum Rate		0.3897		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5948		per contract
LT Optional Maximum Rate		0.9507		per contract
LT Optional Minimum Rate		0.2389		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6233		per contract
XLT Optional Maximum Rate		0.9367		per contract
XLT Optional Minimum Rate		0.3099		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4725		per contract
XLT Optional Maximum Rate		0.7859		per contract
XLT Optional Minimum Rate		0.1591		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Note 3: Effective for bill month December 2012, VHWF reconciliation refund U-17038

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

December 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up (Note 4)		*Including UETM surcharges (note 1), EO surcharges (note 3), RDM surcharges/credit (note 5), SI surcharges (note 6)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27858	+ 0.51800	= 0.79658
Residential Multi Family Rate 2A Class 1	10.50	0.18631	+ 0.51800	= 0.70431
Residential Multi Family Rate 2A Class 2	25.00	0.25473	+ 0.51800	= 0.77273
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28227	+ 0.51800	= 0.80027
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8449	+ 5.1800	= 8.0249
Rate GS-2 (<100,000 Mcf)	1142.81	2.1292	+ 5.1800	= 7.3092
Rate GS-2 (>100,000 Mcf)	1142.81	1.9916	+ 5.1800	= 7.1716
Rate S	784.27	1.8233	+ 5.1800	= 7.0033
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8294	per contract	
<i>Maximum (optional)</i>	2030.00	1.3587	per contract	
<i>Minimum (optional)</i>	2030.00	0.3001	per contract	
Rate LT (cost based rate)	3660.00	0.6158	per contract	
<i>Maximum (optional)</i>	3660.00	0.9496	per contract	
<i>Minimum (optional)</i>	3660.00	0.2820	per contract	
Rate XLT (cost based rate)	6985.00	0.5713	per contract	
<i>Maximum (optional)</i>	6985.00	0.8964	per contract	
<i>Minimum (optional)</i>	6985.00	0.2462	per contract	
Rate XXL (cost based rate)	120000.00	0.1469	per contract	
<i>Maximum (optional)</i>	120000.00	0.2528	per contract	
<i>Minimum (optional)</i>	120000.00	0.0410	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2011 UETM effective from November 1, 2012.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges are effective June, 2012 only. Additional one-month refunds effective October 2012 for Schedules A, 2All, GS-1, and ST.

Note 5: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.

Note 6: Effective November 1, 2012 customers will pay an SI Rate Increase per U-16999.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

December 1, 2012

		Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
Including surcharges (See Note 2)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)				
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.16772	+(	0.33269	+	0.06731	=	0.40000)= 0.56772
Residential Multi-Family								
<i>Meter Class I</i>	11.00	0.17825	+(	0.33269	+	0.06731	=	0.40000)= 0.57825
<i>Meter Class II</i>	33.00	0.17841	+(	0.33269	+	0.06731	=	0.40000)= 0.57841
<i>Meter Class III</i>	88.00	0.11190	+(	0.33269	+	0.06731	=	0.40000)= 0.51190
<i>Meter Class IV</i>	143.00	0.11175	+(	0.33269	+	0.06731	=	0.40000)= 0.51175
Gas Light Rate-Residential	0.00	0.15987	+(	0.33269	+	0.06731	=	0.40000)= 0.55987
Customer Choice-Residential				From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract	+	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)				
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	37.73	1.56782	+(	3.3269	+	0.6731	=	4.0000)= 5.56782
Large General Service	500.98	0.98732	+(	3.3269	+	0.6731	=	4.0000)= 4.98732
GasLight Rate-Commercial	12.94	1.18760	+(	3.3269	+	0.6731	=	4.0000)= 5.18760
Customer Choice-Comm. & Ind.				From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract	+	0.67310		
Transportation	TR-1	TR-2	TR-3					
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
<i>Customer Charge</i>	825	2,250	3,050					
<i>EO Surcharge</i>	38.87	115.34	399.72					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
<i>On-Peak (Nov - Mar)</i>	0.7664	0.4737	0.4618					
<i>Off-Peak (Apr - Oct)</i>	0.6164	0.3237	0.3118					
<i>Reservation Charge</i>	0.6731	0.6731	0.6731					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
<i>Customer Charge</i>	825	2,250	3,050					
<i>EO Surcharge</i>	38.87	115.34	399.72					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16752

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 4: Effective for bills rendered on and after September 1, 2012, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16976.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michiganegasutilities.com](#)

[Understanding your bill at michiganegasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

December 1, 2012

	Customer Charge		Distribution Charge				Total Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)		
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.19037	+(0.34222	+ 0.07611	= 0.41833	)= 0.60870	
<u>Customer Choice-Residential alternative suppliers</u>	11.50	0.19037	+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)		
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	17.74	1.8203	+(3.42220	+ 0.7611	+ 4.1833	)= 6.00360	
General Service (GS-2)	41.24	1.3932	+(3.42220	+ 0.7611	+ 4.1833	)= 5.57650	
General Service (GS-3)	111.24	1.0985	+(3.42220	+ 0.7611	+ 4.1833	)= 5.28180	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	440.79	75.00	per contract	0.9068	0.7568	0.0344	
TR-2	1680.79	75.00	per contract	0.6279	0.4779	0.0344	
TR-3	7380.79	75.00	per contract	0.4031	0.2531	0.0344	

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.45338	= 0.55242
Seasonal	10.00	0.09904	+ 0.45338	= 0.55242
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.5338	= 5.3852
Small Seasonal	19.12	0.8514	+ 4.5338	= 5.3852
Large	108.83	0.6214	+ 4.5338	= 5.1552
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.42940	= 0.56490
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.2940	= 5.1390
Firm (304?)	482.79	0.8450	+ 4.2940	= 5.1390
Interruptible	126.39	0.3300	+ 4.2940	= 4.6240
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](http://www.xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Same</i>	3.9353	3.9353 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Increase</i>	4.2200	4.2201 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	4.4691	4.5388 /Dth	U-17060
Xcel Energy	<i>Same</i>	4.2940	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924 - As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920 - As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922 - As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
(Rates set by local government regulation, not by the MPSC)							
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925 - As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12 \$/unit	Aug-12 \$/unit	Sep-12 \$/unit	Oct-12 \$/unit	Nov-12 \$/unit	Dec-12 \$/unit
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503	5.4503	5.4503	5.4503	/Mcf
-U-16924-As Filed or as Ordered	5.4503	5.4503	5.4503	5.4503	5.4503	/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.1800	5.1800	5.1800	5.1800	5.1800	/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6475	3.9353	3.9353	3.9353	3.9353	/Mcf
-U-16920 - As Filed or as Ordered	4.6475	4.6475	4.6475	4.6475	3.9353	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640	5.7640	5.7640	5.7640	/Mcf
-U-16926 - As Filed or as Ordered	5.7640	5.7640	5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.2500	4.1500	4.1466	4.0363	4.2200	/Dth
-U-16922 - As Filed or as Ordered	4.8726	4.8726	4.1466	4.0363	4.2201	/Dth
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
Wisc Public Service Corp						
- As Currently Billed	3.5956	3.1301	3.5394	3.2031	4.4691	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102		/Dth
-U-17060 - As Filed or as Ordered					4.5388	/Dth
Xcel Energy						
- As Currently Billed	4.2305	4.2305	4.2305	4.2940	4.2940	/Dth
-U-16925 - As Filed or as Ordered	4.9610	4.9610	4.9610	4.9610	4.9610	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28297	+ 0.54503	= 0.82800	\$93.30	16%
Michigan Consolidated Gas Co	10.50	0.27858	+ 0.51800	= 0.79658	\$90.16	12%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.39353	= 0.56125	\$67.13	-16%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	44%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19037	+ 0.42200	= 0.61237	\$72.74	-9%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.44691	= 0.54595	\$59.60	-26%
Xcel Energy	6.50	0.13550	+ 0.42940	= 0.56490	\$62.99	-21%
AVERAGE RATE	9.57	0.22980	0.47590	0.61748	\$80.14	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28297	+	0.54503 = 0.82800
Rate A-1 Residential Multi-Family	10.50	0.28297	+	0.54503 = 0.82800
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28297	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.33850	+	5.4503 = 7.7888
General Service - Rate GS-2	18.70	2.11910	+	5.4503 = 7.5694
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.17840	+	5.4503 = 6.6287
General Service - Rate GS-3 (>100,000 Year)	543.90	1.02760	+	5.4503 = 6.4779
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0589		per contract
ST Optional Maximum Rate		1.7277		per contract
ST Optional Minimum Rate		0.3901		per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9081		per contract
ST Optional Maximum Rate		1.5769		per contract
ST Optional Minimum Rate		0.2393		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7460		per contract
LT Optional Maximum Rate		1.1019		per contract
LT Optional Minimum Rate		0.3901		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5952		per contract
LT Optional Maximum Rate		0.9511		per contract
LT Optional Minimum Rate		0.2393		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6235		per contract
XLT Optional Maximum Rate		0.9369		per contract
XLT Optional Minimum Rate		0.3101		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4727		per contract
XLT Optional Maximum Rate		0.7861		per contract
XLT Optional Minimum Rate		0.1593		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up (Note 4)		*Including UETM surcharges (note 1), EO surcharges (note 3), RDM surcharges/credit (note 5), SI surcharges (note 6)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27858	+ 0.51800	= 0.79658
Residential Multi Family Rate 2A Class 1	10.50	0.18631	+ 0.51800	= 0.70431
Residential Multi Family Rate 2A Class 2	25.00	0.25473	+ 0.51800	= 0.77273
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28227	+ 0.51800	= 0.80027
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8449	+ 5.1800	= 8.0249
Rate GS-2 (<100,000 Mcf)	1142.81	2.1292	+ 5.1800	= 7.3092
Rate GS-2 (>100,000 Mcf)	1142.81	1.9916	+ 5.1800	= 7.1716
Rate S	784.27	1.8233	+ 5.1800	= 7.0033
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8294	per contract	
<i>Maximum (optional)</i>	2030.00	1.3587	per contract	
<i>Minimum (optional)</i>	2030.00	0.3001	per contract	
Rate LT (cost based rate)	3660.00	0.6158	per contract	
<i>Maximum (optional)</i>	3660.00	0.9496	per contract	
<i>Minimum (optional)</i>	3660.00	0.2820	per contract	
Rate XLT (cost based rate)	6985.00	0.5713	per contract	
<i>Maximum (optional)</i>	6985.00	0.8964	per contract	
<i>Minimum (optional)</i>	6985.00	0.2462	per contract	
Rate XXL (cost based rate)	120000.00	0.1469	per contract	
<i>Maximum (optional)</i>	120000.00	0.2528	per contract	
<i>Minimum (optional)</i>	120000.00	0.0410	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2011 UETM effective from November 1, 2012.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges are effective June, 2012 only. Additional one-month refunds effective October 2012 for Schedules A, 2All, GS-1, and ST.

Note 5: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.

Note 6: Effective November 1, 2012 customers will pay an SI Rate Increase per U-16999.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

November 1, 2012

			November 17, 2012			
	Customer Charge*	Distribution Charge*	Total Vol Charge			
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)						
Including surcharges (See Note 2)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor	
Residential Service	11.00	0.16772	+(0.32622	+ 0.06731	= 0.39353	)= 0.56125
Residential Multi-Family						
<i>Meter Class I</i>	11.00	0.17825	+(0.32622	+ 0.06731	= 0.39353	)= 0.57178
<i>Meter Class II</i>	33.00	0.17841	+(0.32622	+ 0.06731	= 0.39353	)= 0.57194
<i>Meter Class III</i>	88.00	0.11190	+(0.32622	+ 0.06731	= 0.39353	)= 0.50543
<i>Meter Class IV</i>	143.00	0.11175	+(0.32622	+ 0.06731	= 0.39353	)= 0.50528
Gas Light Rate-Residential	0.00	0.15987	+(0.32622	+ 0.06731	= 0.39353	)= 0.55340
Customer Choice-Residential			From Others	Reservation Charge		
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract +	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor	
Small General Service	37.73	1.56782	+(3.2622	+ 0.6731	= 3.9353	)= 5.50312
Large General Service	500.98	0.98732	+(3.2622	+ 0.6731	= 3.9353	)= 4.92262
GasLight Rate-Commercial	12.94	1.18760	+(3.2622	+ 0.6731	= 3.9353	)= 5.12290
Customer Choice-Comm. & Ind.			From Others	Reservation Charge		
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract +	0.67310		
Transportation	TR-1	TR-2	TR-3			
Fixed Charges	\$/Mo	\$/Mo	\$/Mo			
<i>Customer Charge</i>	825	2,250	3,050			
<i>EO Surcharge</i>	38.87	115.34	399.72			
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf			
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651			
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151			
<i>Reservation Charge</i>	0.6731	0.6731	0.6731			
Additional Meters	\$/Mo	\$/Mo	\$/Mo			
<i>Customer Charge</i>	825	2,250	3,050			
<i>EO Surcharge</i>	38.87	115.34	399.72			

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16752

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 4: Effective for bills rendered on and after September 1, 2012, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16976.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michiganagasutilities.com](#)

[Understanding your bill at michiganagasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

November 1, 2012

	Customer Charge		Distribution Charge				Total Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)		
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.19037	+(0.34589	+ 0.07611	= 0.42200	)= 0.61237	
<u>Customer Choice-Residential alternative suppliers</u>	11.50	0.19037	+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)		
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	17.74	1.8203	+(3.45890	+ 0.7611	+ 4.2200	)= 6.04030	
General Service (GS-2)	41.24	1.3932	+(3.45890	+ 0.7611	+ 4.2200	)= 5.61320	
General Service (GS-3)	111.24	1.0985	+(3.45890	+ 0.7611	+ 4.2200	)= 5.31850	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.76110			
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)	Firm Balancing Charge (\$/Dth)	
TR-1	440.79	75.00	per contract	0.9068	0.7568	0.0344	
TR-2	1680.79	75.00	per contract	0.6279	0.4779	0.0344	
TR-3	7380.79	75.00	per contract	0.4031	0.2531	0.0344	

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.44691	= 0.54595
Seasonal	10.00	0.09904	+ 0.44691	= 0.54595
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 4.4691	= 5.3205
Small Seasonal	19.12	0.8514	+ 4.4691	= 5.3205
Large	108.83	0.6214	+ 4.4691	= 5.0905
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.42940	= 0.56490
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.2940	= 5.1390
Firm (304?)	482.79	0.8450	+ 4.2940	= 5.1390
Interruptible	126.39	0.3300	+ 4.2940	= 4.6240
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at xcelenergy.com](http://www.xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503	/Mcf U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800	/Mcf U-16921
Michigan Gas Utilities Corp	<i>Same</i>	3.9353	4.6475	/Mcf U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640	/Mcf U-16926
SEMCO Energy Gas Co	<i>Decrease</i>	4.0363	4.0363	/Dth U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decrease</i>	3.2031	5.7102	/Dth U-16850
Xcel Energy	<i>Increase</i>	4.2940	4.9610	/Dth U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924-As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920- As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922-As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
(Rates set by local government regulation, not by the MPSC)							
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925-As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12 \$/unit	Aug-12 \$/unit	Sep-12 \$/unit	Oct-12 \$/unit	Nov-12 \$/unit	Dec-12 \$/unit
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503	5.4503	5.4503		/Mcf
-U-16924-As Filed or as Ordered	5.4503	5.4503	5.4503	5.4503		/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.1800	5.1800	5.1800	5.1800		/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800	5.1800		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6475	3.9353	3.9353	3.9353		/Mcf
-U-16920- As Filed or as Ordered	4.6475	4.6475	4.6475	4.6475		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640	5.7640	5.7640		/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640	5.7640		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.2500	4.1500	4.1466	4.0363		/Dth
-U-16922-As Filed or as Ordered	4.8726	4.8726	4.1466	4.0363		/Dth
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
Wisc Public Service Corp						
- As Currently Billed	3.5956	3.1301	3.5394	3.2031		/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102		/Dth
Xcel Energy						
- As Currently Billed	4.2305	4.2305	4.2305	4.2940		/Dth
-U-16925-As Filed or as Ordered	4.9610	4.9610	4.9610	4.9610		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

RESIDENTIAL RATE COMPARISONS

October 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	10.50	0.28297	+ 0.54503	= 0.82800	\$93.30	19%
Michigan Consolidated Gas Co	10.22	0.28690	+ 0.51800	= 0.80490	\$90.71	16%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.39353	= 0.56125	\$67.13	-14%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	47%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19037	+ 0.40363	= 0.59400	\$70.90	-9%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.32031	= 0.41935	\$46.94	-40%
Xcel Energy	6.50	0.13550	+ 0.42940	= 0.56490	\$62.99	-19%
AVERAGE RATE	9.53	0.23099	0.45519	0.60040	\$78.15	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28297	+	0.54503 = 0.82800
Rate A-1 Residential Multi-Family	10.50	0.28297	+	0.54503 = 0.82800
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28297	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.33850	+	5.4503 = 7.7888
General Service - Rate GS-2	18.70	2.11910	+	5.4503 = 7.5694
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.17840	+	5.4503 = 6.6287
General Service - Rate GS-3 (>100,000 Year)	543.90	1.02760	+	5.4503 = 6.4779
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0589		per contract
ST Optional Maximum Rate		1.7277		per contract
ST Optional Minimum Rate		0.3901		per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9081		per contract
ST Optional Maximum Rate		1.5769		per contract
ST Optional Minimum Rate		0.2393		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7460		per contract
LT Optional Maximum Rate		1.1019		per contract
LT Optional Minimum Rate		0.3901		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5952		per contract
LT Optional Maximum Rate		0.9511		per contract
LT Optional Minimum Rate		0.2393		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6235		per contract
XLT Optional Maximum Rate		0.9369		per contract
XLT Optional Minimum Rate		0.3101		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4727		per contract
XLT Optional Maximum Rate		0.7861		per contract
XLT Optional Minimum Rate		0.1593		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up (Note 4), VHWF credit (Note 6)		*Including UETM Surcharges (Note 1), EO surcharges (Note 3), RDM surcharge/credit (note 5)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.22	0.28690	+	0.51800 = 0.80490
Residential Multi Family Rate 2A Class 1	10.24	0.18109	+	0.51800 = 0.69909
Residential Multi Family Rate 2A Class 2	22.90	0.26315	+	0.51800 = 0.78115
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.65	0.29332	+	0.51800 = 0.81132
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	23.78	2.9220	+	5.1800 = 8.1020
Rate GS-2 (<100,000 Mcf)	1141.66	2.1891	+	5.1800 = 7.3691
Rate GS-2 (>100,000 Mcf)	1141.66	2.0515	+	5.1800 = 7.2315
Rate S	773.04	1.8514	+	5.1800 = 7.0314
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2017.15	0.8023		per contract
<i>Maximum (optional)</i>	2017.15	1.3316		per contract
<i>Minimum (optional)</i>	2017.15	0.2730		per contract
Rate LT (cost based rate)	3617.02	0.5837		per contract
<i>Maximum (optional)</i>	3617.02	0.9175		per contract
<i>Minimum (optional)</i>	3617.02	0.2499		per contract
Rate XLT (cost based rate)	6785.53	0.5435		per contract
<i>Maximum (optional)</i>	6785.53	0.8686		per contract
<i>Minimum (optional)</i>	6785.53	0.2184		per contract
Rate XXLTL (cost based rate)	118268.00	0.1655		per contract
<i>Maximum (optional)</i>	118268.00	0.2714		per contract
<i>Minimum (optional)</i>	118268.00	0.0596		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges or effective June, 2012 only. Additional one-month refunds effective October 2012 for Schedules A, 2All, GS-1, and ST.

Note 5: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.

Note 6: Effective August 1, 2012 MichCon shall remove the Vulnerable Household Warmth Fund collections from rates using per customer monthly credits per July 30, 2012 Order in U-17028.

Customer Attachment Program surcharges are in addition to rates above
[Rates at utilities.dteenergy.com](http://Rates.at.utilities.dteenergy.com) (PDF version)
My.dteenergy.com for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

October 1, 2012

		Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.16772	+(	0.32622	+	0.06731	=	0.39353)= 0.56125
Residential Multi-Family								
<i>Meter Class I</i>	11.00	0.17825	+(	0.32622	+	0.06731	=	0.39353)= 0.57178
<i>Meter Class II</i>	33.00	0.17841	+(	0.32622	+	0.06731	=	0.39353)= 0.57194
<i>Meter Class III</i>	88.00	0.11190	+(	0.32622	+	0.06731	=	0.39353)= 0.50543
<i>Meter Class IV</i>	143.00	0.11175	+(	0.32622	+	0.06731	=	0.39353)= 0.50528
Gas Light Rate-Residential	0.00	0.15987	+(	0.32622	+	0.06731	=	0.39353)= 0.55340
Customer Choice-Residential				From Others	Reservation Charge			
alternative suppliers	(see above)	(see above)	+	per contract	+	0.06731		

COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	37.73	1.56782	+(3.2622	+ 0.6731	= 3.9353	)=	5.50312
Large General Service	500.98	0.98732	+(3.2622	+ 0.6731	= 3.9353	)=	4.92262
GasLight Rate-Commercial	12.94	1.18760	+(3.2622	+ 0.6731	= 3.9353	)=	5.12290
Customer Choice-Comm. & Ind.			From Others	Reservation Charge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract +	0.67310			

Transportation	TR-1	TR-2	TR-3
Fixed Charges	\$/Mo	\$/Mo	\$/Mo
<i>Customer Charge</i>	825	2,250	3,050
<i>EO Surcharge</i>	38.87	115.34	399.72
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151
<i>Reservation Charge</i>	0.6731	0.6731	0.6731
Additional Meters	\$/Mo	\$/Mo	\$/Mo
<i>Customer Charge</i>	825	2,250	3,050
<i>EO Surcharge</i>	38.87	115.34	399.72

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16752

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 4: Effective for bills rendered on and after September 1, 2012, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16976.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michiganagasutilities.com](#)

[Understanding your bill at michiganagasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

October 1, 2012

	Customer Charge		Distribution Charge	October 1, 2012				Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19037	+(0.32752	+ 0.07611	= 0.40363	)= 0.59400	
Customer Choice-Residential alternative suppliers	11.50		0.19037	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.74		1.8203	+(3.27520	+ 0.7611	+ 4.0363	)= 5.85660	
General Service (GS-2)	41.24		1.3932	+(3.27520	+ 0.7611	+ 4.0363	)= 5.42950	
General Service (GS-3)	111.24		1.0985	+(3.27520	+ 0.7611	+ 4.0363	)= 5.13480	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) (\$/Dth	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth	Firm Balancing Charge (\$/Dth		
TR-1	440.79	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1680.79	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7380.79	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.								

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.32031	= 0.41935
Seasonal	10.00	0.09904	+ 0.32031	= 0.41935
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 3.2031	= 4.0545
Small Seasonal	19.12	0.8514	+ 3.2031	= 4.0545
Large	108.83	0.6214	+ 3.2031	= 3.8245
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.42940	= 0.56490
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.2940	= 5.1390
Firm (304?)	482.79	0.8450	+ 4.2940	= 5.1390
Interruptible	126.39	0.3300	+ 4.2940	= 4.6240
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See [AmeriGas rate book on MPSC gas rate book page](#)
 See [AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Same</i>	3.9353	4.6475 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Decrease</i>	4.1466	4.1466 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	3.5394	5.7102 /Dth	U-16850
Xcel Energy	<i>Same</i>	4.2305	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924-As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920- As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922-As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925-As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *						
	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503	5.4503			/Mcf
-U-16924-As Filed or as Ordered	5.4503	5.4503	5.4503			/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.1800	5.1800	5.1800			/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800	5.1800			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6475	3.9353	3.9353			/Mcf
-U-16920- As Filed or as Ordered	4.6475	4.6475	4.6475			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640	5.7640			/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640	5.7640			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.2500	4.1500	4.1466			/Dth
-U-16922-As Filed or as Ordered	4.8726	4.8726	4.1466			/Dth
Superior Energy Company *						
	(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp						
- As Currently Billed	3.5956	3.1301	3.5394			/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102			/Dth
Xcel Energy						
- As Currently Billed	4.2305	4.2305	4.2305			/Dth
-U-16925-As Filed or as Ordered	4.9610	4.9610	4.9610			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

RESIDENTIAL RATE COMPARISONS

September 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Co	10.50	0.28297	+ 0.54503	= 0.82800	\$93.30	19%
Michigan Consolidated Gas Co	10.24	0.28690	+ 0.51800	= 0.80490	\$90.73	15%
Michigan Gas Utilities Corp	11.00	0.16772	+ 0.39353	= 0.56125	\$67.13	-15%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	46%
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19037	+ 0.41466	= 0.60503	\$72.00	-8%
Wisconsin Public Service Corp	5.00	0.09904	+ 0.35394	= 0.45298	\$50.30	-36%
Xcel Energy	6.50	0.13450	+ 0.42305	= 0.55755	\$62.26	-21%
AVERAGE RATE	9.53	0.23084	0.46066	0.60506	\$78.68	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28297	+	0.54503 = 0.82800
Rate A-1 Residential Multi-Family	10.50	0.28297	+	0.54503 = 0.82800
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28297	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.33850	+	5.4503 = 7.7888
General Service - Rate GS-2	18.70	2.11910	+	5.4503 = 7.5694
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.17840	+	5.4503 = 6.6287
General Service - Rate GS-3 (>100,000 Year)	543.90	1.02760	+	5.4503 = 6.4779
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0589		per contract
ST Optional Maximum Rate		1.7277		per contract
ST Optional Minimum Rate		0.3901		per contract
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9081		per contract
ST Optional Maximum Rate		1.5769		per contract
ST Optional Minimum Rate		0.2393		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7460		per contract
LT Optional Maximum Rate		1.1019		per contract
LT Optional Minimum Rate		0.3901		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5952		per contract
LT Optional Maximum Rate		0.9511		per contract
LT Optional Minimum Rate		0.2393		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6235		per contract
XLT Optional Maximum Rate		0.9369		per contract
XLT Optional Minimum Rate		0.3101		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4727		per contract
XLT Optional Maximum Rate		0.7861		per contract
XLT Optional Minimum Rate		0.1593		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

September 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up (Note 4), VHWf credit (Note 6)		*Including UETM Surcharges (Note 1), EO surcharges (Note 3), RDM surcharge/credit (note 5)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.24	0.28690	+	0.51800 = 0.80490
Residential Multi Family Rate 2A Class 1	10.24	0.18109	+	0.51800 = 0.69909
Residential Multi Family Rate 2A Class 2	23.15	0.26315	+	0.51800 = 0.78115
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.65	0.29332	+	0.51800 = 0.81132
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	23.85	2.9220	+	5.1800 = 8.1020
Rate GS-2 (<100,000 Mcf)	1141.66	2.1891	+	5.1800 = 7.3691
Rate GS-2 (>100,000 Mcf)	1141.66	2.0515	+	5.1800 = 7.2315
Rate S	773.04	1.8514	+	5.1800 = 7.0314
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2018.65	0.8023		per contract
<i>Maximum (optional)</i>	2018.65	1.3316		per contract
<i>Minimum (optional)</i>	2018.65	0.2730		per contract
Rate LT (cost based rate)	3617.02	0.5837		per contract
<i>Maximum (optional)</i>	3617.02	0.9175		per contract
<i>Minimum (optional)</i>	3617.02	0.2499		per contract
Rate XLT (cost based rate)	6785.53	0.5435		per contract
<i>Maximum (optional)</i>	6785.53	0.8686		per contract
<i>Minimum (optional)</i>	6785.53	0.2184		per contract
Rate XXL (cost based rate)	118268.00	0.1655		per contract
<i>Maximum (optional)</i>	118268.00	0.2714		per contract
<i>Minimum (optional)</i>	118268.00	0.0596		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		
Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.				
Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round				
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.				
Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges or effective June, 2012 only.				
Note 5: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.				
Note 6: Effective August 1, 2012 MichCon shall remove the Vulnerable Household Warmth Fund collections from rates using per customer monthly credits per July 30, 2012 Order in U-17028.				
Customer Attachment Program surcharges are in addition to rates above Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill				
Rates Reference:	see	Rate Books	for more details	

MICHIGAN GAS UTILITIES CORP.

September 1, 2012

Customer Charge*			Distribution Charge*			Total Vol Charge		
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
Including surcharges (See Note 2)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor			
Residential Service	11.00	0.16772	+(0.32622	+ 0.06731	= 0.39353	)=	0.56125	
Residential Multi-Family								
Meter Class I	11.00	0.17825	+(0.32622	+ 0.06731	= 0.39353	)=	0.57178	
Meter Class II	33.00	0.17841	+(0.32622	+ 0.06731	= 0.39353	)=	0.57194	
Meter Class III	88.00	0.11190	+(0.32622	+ 0.06731	= 0.39353	)=	0.50543	
Meter Class IV	143.00	0.11175	+(0.32622	+ 0.06731	= 0.39353	)=	0.50528	
Gas Light Rate-Residential	0.00	0.15987	+(0.32622	+ 0.06731	= 0.39353	)=	0.55340	
Customer Choice-Residential			From Others	Reservation Charge				
alternative suppliers	(see above)	(see above)	+ per contract +	0.06731				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor			
Small General Service	37.73	1.56782	+(3.2622	+ 0.6731	= 3.9353	)=	5.50312	
Large General Service	500.98	0.98732	+(3.2622	+ 0.6731	= 3.9353	)=	4.92262	
GasLight Rate-Commercial	12.94	1.18760	+(3.2622	+ 0.6731	= 3.9353	)=	5.12290	
Customer Choice-Comm. & Ind.			From Others	Reservation Charge				
alternative suppliers	(see above)	(see above)	+ per contract +	0.67310				
Transportation	TR-1	TR-2	TR-3					
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	38.87	115.34	399.72					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Reservation Charge	0.6731	0.6731	0.6731					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	38.87	115.34	399.72					

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16752

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570. Effective for service rendered on and after September 1, 2012, customers will receive an Uncollectible Tracking Mechanism (UETM) credit per U-16977 and pay/receive a RDM surcharge/credit per U-16976

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

Note 4: Effective for bills rendered on and after September 1, 2012, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16976.

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

September 1, 2012

	Customer Charge		Distribution Charge	September 17, 2012				Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19037	+(0.33855	+ 0.07611	= 0.41466	)= 0.60503	
Customer Choice-Residential alternative suppliers	11.50		0.19037	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.74		1.8203	+(3.38550	+ 0.7611	+ 4.1466	)= 5.96690	
General Service (GS-2)	41.24		1.3932	+(3.38550	+ 0.7611	+ 4.1466	)= 5.53980	
General Service (GS-3)	111.24		1.0985	+(3.38550	+ 0.7611	+ 4.1466	)= 5.24510	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)		Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) (\$/Dth	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth	Firm Balancing Charge (\$/Dth	
TR-1	440.79		75.00	per contract	0.9068	0.7568	0.0344	
TR-2	1680.79		75.00	per contract	0.6279	0.4779	0.0344	
TR-3	7380.79		75.00	per contract	0.4031	0.2531	0.0344	
Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.								

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09904	+ 0.35394	= 0.45298
Seasonal	10.00	0.09904	+ 0.35394	= 0.45298
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.56	0.8514	+ 3.5394	= 4.3908
Small Seasonal	19.12	0.8514	+ 3.5394	= 4.3908
Large	108.83	0.6214	+ 3.5394	= 4.1608
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13550	+ 0.42305	= 0.55855
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.2305	= 5.0755
Firm (304?)	482.79	0.8450	+ 4.2305	= 5.0755
Interruptible	126.39	0.3300	+ 4.2305	= 4.5605
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details
[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16740, for (WPSC) bills rendered on and after September 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16742

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page
 See AmeriGas

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Same	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	Same	5.1800	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	Decrease	3.9353	4.6475 /Mcf	U-16920
Presque Isle E. & G. Coop.	Same	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	Decrease	4.1500	4.8726 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	Decrease	3.1301	5.7102 /Dth	U-16850
Xcel Energy	Same	4.2305	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924-As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920- As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922-As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
(Rates set by local government regulation, not by the MPSC)							
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925-As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	5.4503	5.4503				/Mcf
-U-16924-As Filed or as Ordered	5.4503	5.4503				/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.1800	5.1800				/Mcf
-U-16921 - As Filed or as Ordered	5.1800	5.1800				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6475	3.9353				/Mcf
-U-16920- As Filed or as Ordered	4.6475	4.6475				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640	5.7640				/Mcf
-U-16926-As Filed or as Ordered	5.7640	5.7640				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.2500	4.1500				/Dth
-U-16922-As Filed or as Ordered	4.8726	4.8726				/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	3.5956	3.1301				/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102				/Dth
Xcel Energy						
- As Currently Billed	4.2305	4.2305				/Dth
-U-16925-As Filed or as Ordered	4.9610	4.9610				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28297	+ 0.54503	= 0.82800	\$93.30	19%
Michigan Consolidated Gas Co	10.97	0.28690	+ 0.51800	= 0.80490	\$91.46	17%
Michigan Gas Utilities Corp	11.00	0.17509	+ 0.39353	= 0.56862	\$67.86	-13%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	47%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19037	+ 0.41500	= 0.60537	\$72.04	-8%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.31301	= 0.41235	\$46.24	-41%
Xcel Energy	6.50	0.13450	+ 0.42305	= 0.55755	\$62.26	-21%
AVERAGE RATE	9.64	0.23194	0.45486	0.60095	\$78.32	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2012

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
				*including Surcharges (Note 2)	
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)	
Sales				From Utility	
Rate A	10.50	0.28297	+	0.54503	= 0.82800
Rate A-1 Residential Multi-Family	10.50	0.28297	+	0.54503	= 0.82800
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.28297	+	per contract	
				* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)	
Sales				From Utility	
General Service - Rate GS-1	11.65	2.33850	+	5.4503	= 7.7888
General Service - Rate GS-2	18.70	2.11910	+	5.4503	= 7.5694
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.17840	+	5.4503	= 6.6287
General Service - Rate GS-3 (>100,000 Year)	543.90	1.02760	+	5.4503	= 6.4779
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0589		per contract	
ST Optional Maximum Rate		1.7277		per contract	
ST Optional Minimum Rate		0.3901		per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9081		per contract	
ST Optional Maximum Rate		1.5769		per contract	
ST Optional Minimum Rate		0.2393		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7460		per contract	
LT Optional Maximum Rate		1.1019		per contract	
LT Optional Minimum Rate		0.3901		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5952		per contract	
LT Optional Maximum Rate		0.9511		per contract	
LT Optional Minimum Rate		0.2393		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6235		per contract	
XLT Optional Maximum Rate		0.9369		per contract	
XLT Optional Minimum Rate		0.3101		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4727		per contract	
XLT Optional Maximum Rate		0.7861		per contract	
XLT Optional Minimum Rate		0.1593		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	14.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up (Note 4), VHWf credit (Note 6)		*Including UETM Surcharges (Note 1), EO surcharges (Note 3), RDM surcharge/credit (note 5)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.97	0.28690	+	0.51800 = 0.80490
Residential Multi Family Rate 2A Class 1	10.24	0.26898	+	0.51800 = 0.78698
Residential Multi Family Rate 2A Class 2	30.48	0.19596	+	0.51800 = 0.71396
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.65	0.27262	+	0.51800 = 0.79062
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	23.60	2.9220	+	5.1800 = 8.1020
Rate GS-2 (<100,000 Mcf)	1141.66	2.1891	+	5.1800 = 7.3691
Rate GS-2 (>100,000 Mcf)	1141.66	2.0515	+	5.1800 = 7.2315
Rate S	773.04	1.7019	+	5.1800 = 6.8819
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1974.89	0.8023		per contract
Maximum (optional)	1974.89	1.3316		per contract
Minimum (optional)	1974.89	0.2730		per contract
Rate LT (cost based rate)	3494.94	0.5837		per contract
Maximum (optional)	3494.94	0.9175		per contract
Minimum (optional)	3494.94	0.2499		per contract
Rate XLT (cost based rate)	6103.42	0.5435		per contract
Maximum (optional)	6103.42	0.8686		per contract
Minimum (optional)	6103.42	0.2184		per contract
Rate XXLTLT (cost based rate)	118268.00	0.1655		per contract
Maximum (optional)	118268.00	0.2714		per contract
Minimum (optional)	118268.00	0.0596		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		
Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.				
Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round				
Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.				
Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges or effective June, 2012 only.				
Note 5: Effective August 1, 2012 through July, 2013 Customers pay surcharge or receive credit for reconciliation of revenue decoupling mechanism per July 30, 2012 Order in U-16877.				
Note 6: Effective August 1, 2012 MichCon shall remove the Vulnerable Household Warmth Fund collections from rates using per customer monthly credits per July 30, 2012 Order in U-17028.				
Customer Attachment Program surcharges are in addition to rates above Rates at utilities.dteenergy.com (PDF version) My.dteenergy.com for understanding your bill				
Rates Reference:	see	Rate Books	for more details	

MICHIGAN GAS UTILITIES CORP.

August 1, 2012

Customer Charge*			Distribution Charge*			Total Vol Charge	
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)							
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.17509	+(0.32622	+ 0.06731	= 0.39353	)=	0.56862
Residential Multi-Family							
Meter Class I	11.00	0.16727	+(0.32622	+ 0.06731	= 0.39353	)=	0.56080
Meter Class II	33.00	0.16727	+(0.32622	+ 0.06731	= 0.39353	)=	0.56080
Meter Class III	88.00	0.11311	+(0.32622	+ 0.06731	= 0.39353	)=	0.50664
Meter Class IV	143.00	0.11311	+(0.32622	+ 0.06731	= 0.39353	)=	0.50664
Gas Light Rate-Residential	0.00	0.15987	+(0.32622	+ 0.06731	= 0.39353	)=	0.55340
<u>Customer Choice-Residential</u>			From Others	Reservation Charge			
<u>alternative suppliers</u>		(see above)	(see above)	+ per contract +	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	37.73	1.46332	+(3.2622	+ 0.6731	= 3.9353	)=	5.39862
Large General Service	500.98	1.00940	+(3.2622	+ 0.6731	= 3.9353	)=	4.94470
GasLight Rate-Commercial	12.94	1.18760	+(3.2622	+ 0.6731	= 3.9353	)=	5.12290
<u>Customer Choice-Comm. & Ind.</u>			From Others	Reservation Charge			
<u>alternative suppliers</u>		(see above)	(see above)	+ per contract +	0.67310		
Transportation		TR-1	TR-2	TR-3			
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	38.87	115.34	399.72				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Reservation Charge	0.6731	0.6731	0.6731				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	38.87	115.34	399.72				

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16752

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

August 1, 2012

	Customer Charge		Distribution Charge	August 1, 2012				Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19037	+(0.33889	+ 0.07611	= 0.41500	)= 0.60537	
Customer Choice-Residential alternative suppliers	11.50		0.19037	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.74		1.8203	+(3.38890	+ 0.7611	+ 4.1500	)= 5.97030	
General Service (GS-2)	41.24		1.3932	+(3.38890	+ 0.7611	+ 4.1500	)= 5.54320	
General Service (GS-3)	111.24		1.0985	+(3.38890	+ 0.7611	+ 4.1500	)= 5.24850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	440.79	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1680.79	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7380.79	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.								

Note 1: Effective for bills rendered on and after August 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16754.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934 +	0.31301 =	0.41235
Seasonal	10.00	0.09934 +	0.31301 =	0.41235
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.69	0.8514 +	3.1301 =	3.9815
Small Seasonal	19.38	0.8514 +	3.1301 =	3.9815
Large	102.24	0.6214 +	3.1301 =	3.7515
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 +	0.42305 =	0.55755
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 +	4.2305 =	5.0755
Firm (304?)	482.79	0.8450 +	4.2305 =	5.0755
Interruptible	126.39	0.3300 +	4.2305 =	4.5605
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Same</i>	4.6475	4.6475 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Decrease</i>	4.2500	4.8726 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increase</i>	3.5956	5.7102 /Dth	U-16850
Xcel Energy	<i>Decrease</i>	4.2305	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924-As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920- As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922-As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
(Rates set by local government regulation, not by the MPSC)							
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925-As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	5.4503					/Mcf
-U-16924-As Filed or as Ordered	5.4503					/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.1800					/Mcf
-U-16921 - As Filed or as Ordered	5.1800					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	4.6475					/Mcf
-U-16920- As Filed or as Ordered	4.6475					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	5.7640					/Mcf
-U-16926-As Filed or as Ordered	5.7640					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.2500					/Dth
-U-16922-As Filed or as Ordered	4.8726					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	3.5956					/Dth
-U-16850 - As Filed or as Ordered	5.7102					/Dth
Xcel Energy						
- As Currently Billed	4.2305					/Dth
-U-16925-As Filed or as Ordered	4.9610					/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28297	+ 0.54503	= 0.82800	\$93.30	17%
Michigan Consolidated Gas Co	10.50	0.27500	+ 0.51800	= 0.79300	\$89.80	12%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.46475	= 0.64047	\$75.05	-6%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	44%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.42500	= 0.61631	\$73.13	-9%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.35956	= 0.45890	\$50.89	-36%
Xcel Energy	6.50	0.13450	+ 0.42305	= 0.55755	\$62.26	-22%
AVERAGE RATE	9.57	0.23046	0.47311	0.61563	\$79.93	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2012

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
*including Surcharges (Note 2)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Rate A	10.50	0.28297	+	0.54503	= 0.82800
Rate A-1 Residential Multi-Family	10.50	0.28297	+	0.54503	= 0.82800
Excess Peak Demand Charge \$0.0360/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.28297	+	per contract	
* including EO Surcharge (Note 2)					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
General Service - Rate GS-1	11.65	2.33850	+	5.4503	= 7.7888
General Service - Rate GS-2	18.70	2.11910	+	5.4503	= 7.5694
General Service - Rate GS-3 (0-100,000 Year)	543.90	1.17840	+	5.4503	= 6.6287
General Service - Rate GS-3 (>100,000 Year)	543.90	1.02760	+	5.4503	= 6.4779
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	586.60	1.0589		per contract	
ST Optional Maximum Rate		1.7277		per contract	
ST Optional Minimum Rate		0.3901		per contract	
Rate ST Cost Based Rate (>100,000 Year)	586.60	0.9081		per contract	
ST Optional Maximum Rate		1.5769		per contract	
ST Optional Minimum Rate		0.2393		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7460		per contract	
LT Optional Maximum Rate		1.1019		per contract	
LT Optional Minimum Rate		0.3901		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5952		per contract	
LT Optional Maximum Rate		0.9511		per contract	
LT Optional Minimum Rate		0.2393		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,229.40	0.6235		per contract	
XLT Optional Maximum Rate		0.9369		per contract	
XLT Optional Minimum Rate		0.3101		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,229.40	0.4727		per contract	
XLT Optional Maximum Rate		0.7861		per contract	
XLT Optional Minimum Rate		0.1593		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	14.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

July 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes SI True-up for GS-2 and S (Note 4)		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27500	+ 0.51800	= 0.79300
Residential Multi Family Rate 2A Class 1	10.50	0.25066	+ 0.51800	= 0.76866
Residential Multi Family Rate 2A Class 2	25.00	0.26553	+ 0.51800	= 0.78353
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.27500	+ 0.51800	= 0.79300
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7249	+ 5.1800	= 7.9049
Rate GS-2 (<100,000 Mcf)	1142.81	2.1891	+ 5.1800	= 7.3691
Rate GS-2 (>100,000 Mcf)	1142.81	2.0515	+ 5.1800	= 7.2315
Rate S	784.27	1.6853	+ 5.1800	= 6.8653
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8023	per contract	
Maximum (optional)	2030.00	1.3316	per contract	
Minimum (optional)	2030.00	0.2730	per contract	
Rate LT (cost based rate)	3660.00	0.5837	per contract	
Maximum (optional)	3660.00	0.9175	per contract	
Minimum (optional)	3660.00	0.2499	per contract	
Rate XLT (cost based rate)	6985.00	0.5435	per contract	
Maximum (optional)	6985.00	0.8686	per contract	
Minimum (optional)	6985.00	0.2184	per contract	
Rate XXL (cost based rate)	120000.00	0.1655	per contract	
Maximum (optional)	120000.00	0.2714	per contract	
Minimum (optional)	120000.00	0.0596	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges or effective June, 2012 only.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

July 1, 2012

		Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.17572	+(	0.39744	+	0.06731	=	0.46475)= 0.64047
Residential Multi-Family								
Meter Class I	11.00	0.16790	+(	0.39744	+	0.06731	=	0.46475)= 0.63265
Meter Class II	33.00	0.16790	+(	0.39744	+	0.06731	=	0.46475)= 0.63265
Meter Class III	88.00	0.11374	+(	0.39744	+	0.06731	=	0.46475)= 0.57849
Meter Class IV	143.00	0.11374	+(	0.39744	+	0.06731	=	0.46475)= 0.57849
Gas Light Rate-Residential	0.00	0.15987	+(	0.39744	+	0.06731	=	0.46475)= 0.62462
Customer Choice-Residential alternative suppliers		(see above)	(see above)	From Others	Reservation Charge			
			+	per contract	+	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	37.38	1.46332	+(	3.9744	+	0.6731	=	4.6475)= 6.11082
Large General Service	529.13	1.00940	+(	3.9744	+	0.6731	=	4.6475)= 5.65690
GasLight Rate-Commercial	7.15	1.18760	+(	3.9744	+	0.6731	=	4.6475)= 5.83510
Customer Choice-Comm. & Ind. alternative suppliers		(see above)	(see above)	From Others	Reservation Charge			
			+	per contract	+	0.67310		
Transportation		TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	37.71	110.71	407.06					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Reservation Charge	0.6731	0.6731	0.6731					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	37.71	110.71	407.06					

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16731

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

July 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.34889	+ 0.07611	= 0.42500	)=	0.61631
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(3.48890	+ 0.7611	+ 4.2500	)=	6.07030
General Service (GS-2)	41.35		1.3932	+(3.48890	+ 0.7611	+ 4.2500	)=	5.64320
General Service (GS-3)	111.35		1.0985	+(3.48890	+ 0.7611	+ 4.2500	)=	5.34850
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	437.46	75.00		per contract	0.9068	0.7568	0.0344	
TR-2	1677.46	75.00		per contract	0.6279	0.4779	0.0344	
TR-3	7377.46	75.00		per contract	0.4031	0.2531	0.0344	
Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

July 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934 + 0.35956 =		0.45890
Seasonal	10.00	0.09934 + 0.35956 =		0.45890
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.69	0.8514 + 3.5956 =		4.4470
Small Seasonal	19.38	0.8514 + 3.5956 =		4.4470
Large	102.24	0.6214 + 3.5956 =		4.2170
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 + 0.42305 =		0.55755
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 + 4.2305 =		5.0755
Firm (304?)	482.79	0.8450 + 4.2305 =		5.0755
Interruptible	126.39	0.3300 + 4.2305 =		4.5605
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	5.4503	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Same</i>	4.6475	4.6475 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Same</i>	4.6500	4.8726 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	3.1743	5.7102 /Dth	U-16850
Xcel Energy	<i>Same</i>	4.2940	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545				/Mcf
-U-16924-As Filed or as Ordered				5.4503	5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900				/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937				/Mcf
-U-16920- As Filed or as Ordered				4.6475	4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970				/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	5.7640	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899				/Dth
-U-16922-As Filed or as Ordered				4.8726	4.8726	4.8726	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	3.1743	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462				/Dth
-U-16925-As Filed or as Ordered				4.9610	4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922-As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16850 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925-As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.15876	+ 0.54503	= 0.70379	\$80.88	4%
Michigan Consolidated Gas Co	9.10	0.27500	+ 0.51800	= 0.79300	\$88.40	13%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.46475	= 0.64047	\$75.05	-4%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	48%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.46500	= 0.65631	\$77.13	-1%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.31743	= 0.41677	\$46.68	-40%
Xcel Energy	6.50	0.13450	+ 0.42940	= 0.56390	\$62.89	-19%
AVERAGE RATE	9.37	0.21272	0.47372	0.60063	\$78.01	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including Surcharges (Note 2 & 3)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.15876	+	0.54503 = 0.70379
Rate A-1 Residential Multi-Family	10.50	0.15876	+	0.54503 = 0.70379
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.15876	+	per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.07880	+	5.4503 = 7.5291
General Service - Rate GS-2	19.00	1.84850	+	5.4503 = 7.2988
General Service - Rate GS-3 (0-100,000 Year)	547.20	0.90240	+	5.4503 = 6.3527
General Service - Rate GS-3 (>100,000 Year)	547.20	0.75160	+	5.4503 = 6.2019
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	587.00	1.0521		per contract
ST Optional Maximum Rate		1.7211		per contract
ST Optional Minimum Rate		0.3831		per contract
Rate ST Cost Based Rate (>100,000 Year)	587.00	0.9013		per contract
ST Optional Maximum Rate		1.5703		per contract
ST Optional Minimum Rate		0.2323		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,194.20	0.7392		per contract
LT Optional Maximum Rate		1.0953		per contract
LT Optional Minimum Rate		0.3831		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,194.20	0.5884		per contract
LT Optional Maximum Rate		0.9445		per contract
LT Optional Minimum Rate		0.2323		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,232.00	0.6166		per contract
XLT Optional Maximum Rate		0.9301		per contract
XLT Optional Minimum Rate		0.3031		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,232.00	0.4658		per contract
XLT Optional Maximum Rate		0.7793		per contract
XLT Optional Minimum Rate		0.1523		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00			includes gas
2.6 to 4.5 CF/Hr	22.00			includes gas

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2012 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16670

Note 3: Effective for the June 2012 billing month, Customers will receive a LIEEF refund pursuant to U-16963

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

June 1, 2012

	Customer Charge**	Distribution Charge*	GCR Factor	Total Vol Charge
**Customer Charge includes LIEEF Refund (Note 4) and SI True-up (Note 5)		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	9.10	0.27500	+	0.51800 = 0.79300
Residential Multi Family Rate 2A Class 1	-4.93	0.25066	+	0.51800 = 0.76866
Residential Multi Family Rate 2A Class 2	16.90	0.26553	+	0.51800 = 0.78353
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.37	0.27500	+	0.51800 = 0.79300
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	15.19	2.7249	+	5.1800 = 7.9049
Rate GS-2 (<100,000 Mcf)	1133.25	2.1891	+	5.1800 = 7.3691
Rate GS-2 (>100,000 Mcf)	1133.25	2.0515	+	5.1800 = 7.2315
Rate S	690.77	1.6853	+	5.1800 = 6.8653
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1891.74	0.8023		per contract
<i>Maximum (optional)</i>	1891.74	1.3316		per contract
<i>Minimum (optional)</i>	1891.74	0.2730		per contract
Rate LT (cost based rate)	3179.93	0.5837		per contract
<i>Maximum (optional)</i>	3179.93	0.9175		per contract
<i>Minimum (optional)</i>	3179.93	0.2499		per contract
Rate XLT (cost based rate)	4641.55	0.5435		per contract
<i>Maximum (optional)</i>	4641.55	0.8686		per contract
<i>Minimum (optional)</i>	4641.55	0.2184		per contract
Rate XXLT (cost based rate)	105576.00	0.1655		per contract
<i>Maximum (optional)</i>	105576.00	0.2714		per contract
<i>Minimum (optional)</i>	105576.00	0.0596		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

Note 4: Effective for June, 2012, Customers will receive a refund of escrowed LIEEF funds per the May 1, 2012 Order in U-16961.

Note 5: Effective June, 2012, Customers will pay a surcharge or receive a refund related to the self-implementation refund per the May 24, 2012 Order in U-16447. For Schedules GS-2 and S, the refunds will continue through January 2013; for all other schedules, the refunds/charges or effective June, 2012 only.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

June 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.38889	+ 0.07611	= 0.46500	)= 0.65631	
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others per contract	+ Balancing and Demand Charge 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(3.88890	+ 0.7611	+ 4.6500	)= 6.47030	
General Service (GS-2)	41.35		1.3932	+(3.88890	+ 0.7611	+ 4.6500	)= 6.04320	
General Service (GS-3)	111.35		1.0985	+(3.88890	+ 0.7611	+ 4.6500	)= 5.74850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.76110			
Transportation	(\$/month)	Customer Charge	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1		437.46	75.00	per contract	0.9068	0.7568	0.0344	
TR-2		1677.46	75.00	per contract	0.6279	0.4779	0.0344	
TR-3		7377.46	75.00	per contract	0.4031	0.2531	0.0344	

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.

Rates at semcoenergy.com

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09934	+ 0.31743	= 0.41677
Seasonal	10.00	0.09934	+ 0.31743	= 0.41677
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.69	0.8514	+ 3.1743	= 4.0257
Small Seasonal	19.38	0.8514	+ 3.1743	= 4.0257
Large	102.24	0.6214	+ 3.1743	= 3.7957
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.42940	= 0.56390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.2940	= 5.1390
Firm (304?)	482.79	0.8450	+ 4.2940	= 5.1390
Interruptible	126.39	0.3300	+ 4.2940	= 4.6240
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	5.4503	5.4503	/Mcf U-16924
Michigan Consolidated Gas Co	<i>Same</i>	5.1800	5.1800	/Mcf U-16921
Michigan Gas Utilities Corp	<i>Same</i>	4.6475	4.6475	/Mcf U-16920
Presque Isle E. & G. Coop.	<i>Same</i>	5.7640	5.7640	/Mcf U-16926
SEMCO Energy Gas Co	<i>Decreased</i>	4.6500	4.8726	/Dth U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	4.1624	5.7102	/Dth U-16850
Xcel Energy	<i>Same</i>	4.2940	4.9610	/Dth U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1448	6.2363	6.1011	5.2601	5.4503	/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545			/Mcf
-U-16924-As Filed or as Ordered				5.4503	5.4503	/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	5.1400	5.0300	5.0300	5.1800	5.1800	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900			/Mcf
-U-16921 - As Filed or as Ordered				5.1800	5.1800	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.3000	6.0000	3.1000	4.6475	4.6475	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937			/Mcf
-U-16920- As Filed or as Ordered				4.6475	4.6475	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.6970	6.6970	6.6970	5.7640	5.7640	/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970			/Mcf
-U-16926-As Filed or as Ordered				5.7640	5.7640	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7500	4.5500	4.5500	4.8000	4.6500	/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899			/Dth
-U-16922-As Filed or as Ordered				4.8726	4.8726	/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.5141	4.8800	4.5167	4.1107	4.1624	/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102	5.7102	/Dth
Xcel Energy						
- As Currently Billed	4.5462	4.5462	4.5462	4.2940	4.2940	/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462			/Dth
-U-16925-As Filed or as Ordered				4.9610	4.9610	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12 \$/unit	Aug-12 \$/unit	Sep-12 \$/unit	Oct-12 \$/unit	Nov-12 \$/unit	Dec-12 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922-As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16850 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925-As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.29835	+ 0.54503	= 0.84338	\$94.84	16%
Michigan Consolidated Gas Co	10.50	0.27500	+ 0.51800	= 0.79300	\$89.80	10%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.46475	= 0.64047	\$75.05	-8%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	41%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.46500	= 0.65631	\$77.13	-6%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.41624	= 0.51558	\$56.56	-31%
Xcel Energy	6.50	0.13450	+ 0.42940	= 0.56390	\$62.89	-23%
AVERAGE RATE	9.57	0.23266	0.48783	0.63043	\$81.62	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including Surcharges (Note 2 & 3)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.29835	+	0.54503 = 0.84338
Rate A-1 Residential Multi-Family	10.50	0.29537	+	0.54503 = 0.84040
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.29835	+	per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.35550	+	5.4503 = 7.8058
General Service - Rate GS-2	18.20	2.12500	+	5.4503 = 7.5753
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.17150	+	5.4503 = 6.6218
General Service - Rate GS-3 (>100,000 Year)	540.80	1.06040	+	5.4503 = 6.5107
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0354		per contract
ST Optional Maximum Rate		1.6867		per contract
ST Optional Minimum Rate		0.3841		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.9243		per contract
ST Optional Maximum Rate		1.5756		per contract
ST Optional Minimum Rate		0.2730		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7181		per contract
LT Optional Maximum Rate		1.0625		per contract
LT Optional Minimum Rate		0.3737		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.6070		per contract
LT Optional Maximum Rate		0.9514		per contract
LT Optional Minimum Rate		0.2626		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5918		per contract
XLT Optional Maximum Rate		0.8966		per contract
XLT Optional Minimum Rate		0.2870		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4807		per contract
XLT Optional Maximum Rate		0.7855		per contract
XLT Optional Minimum Rate		0.1759		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Note 3: Effective for service rendered on and after March 1, 2012. Customers will pay the self-implementation surcharge per U-16855.

Customer Attachment Program

surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

May 1, 2012

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27500	+ 0.51800	= 0.79300
Residential Multi Family Rate 2A Class 1	10.50	0.25066	+ 0.51800	= 0.76866
Residential Multi Family Rate 2A Class 2	25.00	0.26553	+ 0.51800	= 0.78353
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.27500	+ 0.51800	= 0.79300
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7249	+ 5.1800	= 7.9049
Rate GS-2 (<100,000 Mcf)	590.00	2.1891	+ 5.1800	= 7.3691
Rate GS-2 (>100,000 Mcf)	590.00	2.0515	+ 5.1800	= 7.2315
Rate S	200.00	1.6853	+ 5.1800	= 6.8653
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8023	per contract	
<i>Maximum (optional)</i>	2030.00	1.3316	per contract	
<i>Minimum (optional)</i>	2030.00	0.2730	per contract	
Rate LT (cost based rate)	3660.00	0.5837	per contract	
<i>Maximum (optional)</i>	3660.00	0.9175	per contract	
<i>Minimum (optional)</i>	3660.00	0.2499	per contract	
Rate XLT (cost based rate)	6985.00	0.5435	per contract	
<i>Maximum (optional)</i>	6985.00	0.8686	per contract	
<i>Minimum (optional)</i>	6985.00	0.2184	per contract	
Rate XXLT (cost based rate)	120000.00	0.1655	per contract	
<i>Maximum (optional)</i>	120000.00	0.2714	per contract	
<i>Minimum (optional)</i>	120000.00	0.0596	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

May 1, 2012

HIGH-SEASON SALES RATES (COST)		Customer Charge*	Distribution Charge*	May 1, 2012				Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.17572	+(	0.39744	+	0.06731	=	0.46475)= 0.64047
Residential Multi-Family								
Meter Class I	11.00	0.16790	+(	0.39744	+	0.06731	=	0.46475)= 0.63265
Meter Class II	33.00	0.16790	+(	0.39744	+	0.06731	=	0.46475)= 0.63265
Meter Class III	88.00	0.11374	+(	0.39744	+	0.06731	=	0.46475)= 0.57849
Meter Class IV	143.00	0.11374	+(	0.39744	+	0.06731	=	0.46475)= 0.57849
Gas Light Rate-Residential	0.00	0.15987	+(	0.39744	+	0.06731	=	0.46475)= 0.62462
Customer Choice-Residential alternative suppliers		(see above)	(see above)	From Others	Reservation Charge			
			+	per contract	+	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	37.38	1.46332	+(	3.9744	+	0.6731	=	4.6475)= 6.11082
Large General Service	529.13	1.00940	+(	3.9744	+	0.6731	=	4.6475)= 5.65690
GasLight Rate-Commercial	7.15	1.18760	+(	3.9744	+	0.6731	=	4.6475)= 5.83510
Customer Choice-Comm. & Ind. alternative suppliers		(see above)	(see above)	From Others	Reservation Charge			
			+	per contract	+	0.67310		
Transportation		TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	37.71	110.71	407.06					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Reservation Charge	0.6731	0.6731	0.6731					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	37.71	110.71	407.06					

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16731

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

May 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.38889	+ 0.07611	= 0.46500	)= 0.65631	
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(3.88890	+ 0.7611	+ 4.6500	)= 6.47030	
General Service (GS-2)	41.35		1.3932	+(3.88890	+ 0.7611	+ 4.6500	)= 6.04320	
General Service (GS-3)	111.35		1.0985	+(3.88890	+ 0.7611	+ 4.6500	)= 5.74850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	437.46	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1677.46	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7377.46	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

May 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934 +	0.41624 =	0.51558
Seasonal	10.00	0.09934 +	0.41624 =	0.51558
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.69	0.8514 +	4.1624 =	5.0138
Small Seasonal	19.38	0.8514 +	4.1624 =	5.0138
Large	102.24	0.6214 +	4.1624 =	4.7838
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 +	0.42940 =	0.56390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (3027)	19.02	0.8450 +	4.2940 =	5.1390
Firm (3047)	482.79	0.8450 +	4.2940 =	5.1390
Interruptible	126.39	0.3300 +	4.2940 =	4.6240
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	5.2601	5.4503 /Mcf	U-16924
Michigan Consolidated Gas Co	<i>Increased</i>	5.1800	5.8900 /Mcf	U-16921
Michigan Gas Utilities Corp	<i>Increased</i>	4.6475	4.6475 /Mcf	U-16920
Presque Isle E. & G. Coop.	<i>Decreased</i>	5.7640	5.7640 /Mcf	U-16926
SEMCO Energy Gas Co	<i>Increased</i>	4.8000	4.8726 /Dth	U-16922
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	4.1107	5.7102 /Dth	U-16850
Xcel Energy	<i>Decreased</i>	4.2940	4.9610 /Dth	U-16925

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1448	6.2363	6.1011	5.2601		/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545			/Mcf
-U-16924-As Filed or as Ordered				5.4503		/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	5.1400	5.0300	5.0300	5.1800		/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900			/Mcf
-U-16921 - As Filed or as Ordered				5.1800		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.3000	6.0000	3.1000	4.6475		/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937			/Mcf
-U-16920- As Filed or as Ordered				4.6475		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.6970	6.6970	6.6970	5.7640		/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970			/Mcf
-U-16926-As Filed or as Ordered				5.7640		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7500	4.5500	4.5500	4.8000		/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899			/Dth
-U-16922-As Filed or as Ordered				4.8726		/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.5141	4.8800	4.5167	4.1107		/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102	5.7102		/Dth
Xcel Energy						
- As Currently Billed	4.5462	4.5462	4.5462	4.2940		/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462			/Dth
-U-16925-As Filed or as Ordered				4.9610		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12 \$/unit	Aug-12 \$/unit	Sep-12 \$/unit	Oct-12 \$/unit	Nov-12 \$/unit	Dec-12 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16924-As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16921 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16920- As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16926-As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16922-As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16850 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16925-As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.29835	+ 0.52601	= 0.82436	\$92.94	14%
Michigan Consolidated Gas Co	10.50	0.27500	+ 0.51800	= 0.79300	\$89.80	10%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.46475	= 0.64047	\$75.05	-8%
Presque Isle E. & G. Coop.	12.00	0.4544	0.5764	1.03080	\$115.08	41%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.48000	= 0.67131	\$78.63	-4%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.41107	= 0.51041	\$56.04	-31%
Xcel Energy	6.50	0.13450	+ 0.42940	= 0.56390	\$62.89	-23%
AVERAGE RATE	9.57	0.23266	0.48652	0.62928	\$81.49	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2 & 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.29835	+ 0.52601	= 0.82436
Rate A-1 Residential Multi-Family	10.50	0.29537	+ 0.52601	= 0.82138
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.29835	+ per contract	
			* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.35550	+ 5.2601	= 7.6156
General Service - Rate GS-2	18.20	2.12500	+ 5.2601	= 7.3851
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.17150	+ 5.2601	= 6.4316
General Service - Rate GS-3 (>100,000 Year)	540.80	1.06040	+ 5.2601	= 6.3205
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0354	per contract	
ST Optional Maximum Rate		1.6867	per contract	
ST Optional Minimum Rate		0.3841	per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.9243	per contract	
ST Optional Maximum Rate		1.5756	per contract	
ST Optional Minimum Rate		0.2730	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7181	per contract	
LT Optional Maximum Rate		1.0625	per contract	
LT Optional Minimum Rate		0.3737	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.6070	per contract	
LT Optional Maximum Rate		0.9514	per contract	
LT Optional Minimum Rate		0.2626	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5918	per contract	
XLT Optional Maximum Rate		0.8966	per contract	
XLT Optional Minimum Rate		0.2870	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4807	per contract	
XLT Optional Maximum Rate		0.7855	per contract	
XLT Optional Minimum Rate		0.1759	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Note 3: Effective for service rendered on and after March 1, 2012. Customers will pay the self-implementation surcharge per U-16855.

Customer Attachment Program

surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

April 1, 2012

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27500	+	0.51800 = 0.79300
Residential Multi Family Rate 2A Class 1	10.50	0.25066	+	0.51800 = 0.76866
Residential Multi Family Rate 2A Class 2	25.00	0.26553	+	0.51800 = 0.78353
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.27500	+	0.51800 = 0.79300
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7249	+	5.1800 = 7.9049
Rate GS-2 (<100,000 Mcf)	590.00	2.1891	+	5.1800 = 7.3691
Rate GS-2 (>100,000 Mcf)	590.00	2.0515	+	5.1800 = 7.2315
Rate S	200.00	1.6853	+	5.1800 = 6.8653
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8023		per contract
<i>Maximum (optional)</i>	2030.00	1.3316		per contract
<i>Minimum (optional)</i>	2030.00	0.2730		per contract
Rate LT (cost based rate)	3660.00	0.5837		per contract
<i>Maximum (optional)</i>	3660.00	0.9175		per contract
<i>Minimum (optional)</i>	3660.00	0.2499		per contract
Rate XLT (cost based rate)	6985.00	0.5435		per contract
<i>Maximum (optional)</i>	6985.00	0.8686		per contract
<i>Minimum (optional)</i>	6985.00	0.2184		per contract
Rate XXL (cost based rate)	120000.00	0.1655		per contract
<i>Maximum (optional)</i>	120000.00	0.2714		per contract
<i>Minimum (optional)</i>	120000.00	0.0596		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

April 1, 2012

		Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Residential Service	11.00	0.17572	+(	0.39744	+	0.06731	=	0.46475)= 0.64047
Residential Multi-Family								
Meter Class I	11.00	0.16790	+(	0.39744	+	0.06731	=	0.46475)= 0.63265
Meter Class II	33.00	0.16790	+(	0.39744	+	0.06731	=	0.46475)= 0.63265
Meter Class III	88.00	0.11374	+(	0.39744	+	0.06731	=	0.46475)= 0.57849
Meter Class IV	143.00	0.11374	+(	0.39744	+	0.06731	=	0.46475)= 0.57849
Gas Light Rate-Residential	0.00	0.15987	+(	0.39744	+	0.06731	=	0.46475)= 0.62462
Customer Choice-Residential alternative suppliers		(see above)	(see above)	From Others	Reservation Charge			
			+	per contract	+	0.06731		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Reservation Charge	GCR Factor		
Small General Service	37.38	1.46332	+(	3.9744	+	0.6731	=	4.6475)= 6.11082
Large General Service	529.13	1.00940	+(	3.9744	+	0.6731	=	4.6475)= 5.65690
GasLight Rate-Commercial	7.15	1.18760	+(	3.9744	+	0.6731	=	4.6475)= 5.83510
Customer Choice-Comm. & Ind. alternative suppliers		(see above)	(see above)	From Others	Reservation Charge			
			+	per contract	+	0.67310		
Transportation		TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	37.71	110.71	407.06					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Reservation Charge	0.6731	0.6731	0.6731					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	37.71	110.71	407.06					

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16731

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

April 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.40389	+ 0.07611	= 0.48000	)= 0.67131	
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.07611			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(4.03890	+ 0.7611	+ 4.8000	)= 6.62030	
General Service (GS-2)	41.35		1.3932	+(4.03890	+ 0.7611	+ 4.8000	)= 6.19320	
General Service (GS-3)	111.35		1.0985	+(4.03890	+ 0.7611	+ 4.8000	)= 5.89850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.76110			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	437.46	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1677.46	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7377.46	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

April 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09934	+ 0.41107	= 0.51041
Seasonal	10.00	0.09934	+ 0.41107	= 0.51041
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.69	0.8514	+ 4.1107	= 4.9621
Small Seasonal	19.38	0.8514	+ 4.1107	= 4.9621
Large	102.24	0.6214	+ 4.1107	= 4.7321
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	12.00	0.4544	0.5764	1.0308
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	17.00	3.2030	5.7640	8.9670
Large	188.00	2.3360	5.7640	8.1000

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.42940	= 0.56390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.2940	= 5.1390
Firm (304?)	482.79	0.8450	+ 4.2940	= 5.1390
Interruptible	126.39	0.3300	+ 4.2940	= 4.6240
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.1011	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Same</i>	5.0300	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Decreased</i>	3.1000	6.6937 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Same</i>	4.5500	5.4899 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	4.5167	5.7102 /Dth	U-16850
Xcel Energy	<i>Same</i>	4.5462	4.5462 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1448	6.2363	6.1011			/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545	6.4545			/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	5.1400	5.0300	5.0300			/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.3000	6.0000	3.1000			/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937	6.6937			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.6970	6.6970	6.6970			/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970	6.6970			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7500	4.5500	4.5500			/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899	5.4899			/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.5141	4.8800	4.5167			/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102	5.7102			/Dth
Xcel Energy						
- As Currently Billed	4.5462	4.5462	4.5462			/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462	4.5462			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16485 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16482 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16481 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16487 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16483 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16850 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16486 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.29835	+ 0.61011	= 0.90846	\$101.35	23%
Michigan Consolidated Gas Co	10.50	0.27500	+ 0.50300	= 0.77800	\$88.30	7%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.31000	= 0.48572	\$59.57	-27%
Presque Isle E. & G. Coop.	11.00	0.4615	0.6697	1.13120	\$124.12	51%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.45500	= 0.64631	\$76.13	-7%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.45167	= 0.55101	\$60.10	-27%
Xcel Energy	6.50	0.13450	+ 0.45462	= 0.58912	\$65.41	-20%
AVERAGE RATE	9.43	0.23367	0.49344	0.63623	\$82.14	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2 & 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.29835	+ 0.61011	= 0.90846
Rate A-1 Residential Multi-Family	10.50	0.29537	+ 0.61011	= 0.90548
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.29835	+ per contract	
			* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.35550	+ 6.1011	= 8.4566
General Service - Rate GS-2	18.20	2.12500	+ 6.1011	= 8.2261
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.17150	+ 6.1011	= 7.2726
General Service - Rate GS-3 (>100,000 Year)	540.80	1.06040	+ 6.1011	= 7.1615
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0354	per contract	
ST Optional Maximum Rate		1.6867	per contract	
ST Optional Minimum Rate		0.3841	per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.9243	per contract	
ST Optional Maximum Rate		1.5756	per contract	
ST Optional Minimum Rate		0.2730	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7181	per contract	
LT Optional Maximum Rate		1.0625	per contract	
LT Optional Minimum Rate		0.3737	per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.6070	per contract	
LT Optional Maximum Rate		0.9514	per contract	
LT Optional Minimum Rate		0.2626	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5918	per contract	
XLT Optional Maximum Rate		0.8966	per contract	
XLT Optional Minimum Rate		0.2870	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4807	per contract	
XLT Optional Maximum Rate		0.7855	per contract	
XLT Optional Minimum Rate		0.1759	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Note 3: Effective for service rendered on and after March 1, 2012. Customers will pay the self-implementation surcharge per U-16855.

Customer Attachment Program

surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

March 1, 2012

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27500	+ 0.50300	= 0.77800
Residential Multi Family Rate 2A Class 1	10.50	0.25066	+ 0.50300	= 0.75366
Residential Multi Family Rate 2A Class 2	25.00	0.26553	+ 0.50300	= 0.76853
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.27500	+ 0.50300	= 0.77800
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7249	+ 5.0300	= 7.7549
Rate GS-2 (<100,000 Mcf)	590.00	2.1891	+ 5.0300	= 7.2191
Rate GS-2 (>100,000 Mcf)	590.00	2.0515	+ 5.0300	= 7.0815
Rate S	200.00	1.6853	+ 5.0300	= 6.7153
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8023	per contract	
<i>Maximum (optional)</i>	2030.00	1.3316	per contract	
<i>Minimum (optional)</i>	2030.00	0.2730	per contract	
Rate LT (cost based rate)	3660.00	0.5837	per contract	
<i>Maximum (optional)</i>	3660.00	0.9175	per contract	
<i>Minimum (optional)</i>	3660.00	0.2499	per contract	
Rate XLT (cost based rate)	6985.00	0.5435	per contract	
<i>Maximum (optional)</i>	6985.00	0.8686	per contract	
<i>Minimum (optional)</i>	6985.00	0.2184	per contract	
Rate XXL (cost based rate)	120000.00	0.1655	per contract	
<i>Maximum (optional)</i>	120000.00	0.2714	per contract	
<i>Minimum (optional)</i>	120000.00	0.0596	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective from March 1, 2012. Customers will pay the EO surcharge approved in U-15890 and U-16290.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

March 1, 2012

HIGH-PEAK GAS SERVICE CHARGES								March 1, 2012	
	Customer Charge*	Distribution Charge*						Total Vol Charge	
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)									
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)						
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor				
Residential Service	11.00	0.17572	+(0.22986	+ 0.08014	= 0.31000	)=	0.48572	
Residential Multi-Family									
Meter Class I	11.00	0.16790	+(0.22986	+ 0.08014	= 0.31000	)=	0.47790	
Meter Class II	33.00	0.16790	+(0.22986	+ 0.08014	= 0.31000	)=	0.47790	
Meter Class III	88.00	0.11374	+(0.22986	+ 0.08014	= 0.31000	)=	0.42374	
Meter Class IV	143.00	0.11374	+(0.22986	+ 0.08014	= 0.31000	)=	0.42374	
Gas Light Rate-Residential	0.00	0.15987	+(0.22986	+ 0.08014	= 0.31000	)=	0.46987	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Reservation Charge					
			+ per contract +	0.08014					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)						
Sales			Gas Costs From Utility	Reservation Charge	GCR Factor				
Small General Service	37.38	1.46332	+(2.2986	+ 0.8014	= 3.1000	)=	4.56332	
Large General Service	529.13	1.00940	+(2.2986	+ 0.8014	= 3.1000	)=	4.10940	
GasLight Rate-Commercial	7.15	1.18760	+(2.2986	+ 0.8014	= 3.1000	)=	4.28760	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Reservation Charge					
			+ per contract +	0.80140					
Transportation	TR-1	TR-2	TR-3						
Fixed Charges	\$/Mo	\$/Mo	\$/Mo						
Customer Charge	825	2,250	3,050						
EO Surcharge	37.71	110.71	407.06						
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf						
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651						
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151						
Reservation Charge	0.8014	0.8014	0.8014						
Additional Meters	\$/Mo	\$/Mo	\$/Mo						
Customer Charge	825	2,250	3,050						
EO Surcharge	37.71	110.71	407.06						

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16731

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

Note 3: Reservation Charge effective for bills rendered on and after February 1, 2012 per U-16481. This charge allows recovery of costs related to peak day and supplier of last resort. For GCR customers these costs are included in the GCR.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

March 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.37471	+ 0.08029	= 0.45500	)= 0.64631	
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(3.74710	+ 0.8029	+ 4.5500	)= 6.37030	
General Service (GS-2)	41.35		1.3932	+(3.74710	+ 0.8029	+ 4.5500	)= 5.94320	
General Service (GS-3)	111.35		1.0985	+(3.74710	+ 0.8029	+ 4.5500	)= 5.64850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	437.46	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1677.46	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7377.46	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

March 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.09934 +	0.45167 =	0.55101
Seasonal	10.00	0.09934 +	0.45167 =	0.55101
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.69	0.8514 +	4.5167 =	5.3681
Small Seasonal	19.38	0.8514 +	4.5167 =	5.3681
Large	102.24	0.6214 +	4.5167 =	5.1381
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	11.00	0.4615	0.6697	1.1312
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	16.00	4.0150	6.6970	10.7120
Large	188.00	2.5650	6.6970	9.2620

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 +	0.45462 =	0.58912
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 +	4.5462 =	5.3912
Firm (304?)	482.79	0.8450 +	4.5462 =	5.3912
Interruptible	126.39	0.3300 +	4.5462 =	4.8762
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.2363	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Decreased</i>	5.0300	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Decreased</i>	6.0000	6.6937 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Decreased</i>	4.5500	5.4899 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	4.8800	5.7102 /Dth	U-16850
Xcel Energy	<i>Same</i>	4.5462	4.5462 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1448	6.2363				/Mcf
-U-16485 - As Filed or as Ordered	6.4545	6.4545				/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	5.1400	5.0300				/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.3000	6.0000				/Mcf
-U-16481 - As Filed or as Ordered	7.0891	6.6937				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.6970	6.6970				/Mcf
-U-16487 - As Filed or as Ordered	6.6970	6.6970				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7500	4.5500				/Dth
-U-16483 - As Filed or as Ordered	5.4899	5.4899				/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.5141	4.8800				/Dth
-U-16850 - As Filed or as Ordered	5.7102	5.7102				/Dth
Xcel Energy						
- As Currently Billed	4.5462	4.5462				/Dth
-U-16486 - As Filed or as Ordered	4.5462	4.5462				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16485 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16482 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16481 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16487 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16483 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16850 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16486 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28684	+ 0.62363	= 0.91047	\$101.55	17%
Michigan Consolidated Gas Co	10.50	0.27576	+ 0.50300	= 0.77876	\$88.38	2%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.60000	= 0.77572	\$88.57	2%
Presque Isle E. & G. Coop.	11.00	0.4615	0.6697	1.13120	\$124.12	43%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.45500	= 0.64631	\$76.13	-12%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.48800	= 0.58734	\$63.73	-27%
Xcel Energy	6.50	0.13450	+ 0.45462	= 0.58912	\$65.41	-25%
AVERAGE RATE	9.43	0.23214	0.54199	0.67736	\$86.84	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28684	+	0.62363 = 0.91047
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.62363 = 0.91047
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.2363 = 8.5023
General Service - Rate GS-2	18.20	2.06170	+	6.2363 = 8.2980
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.2363 = 7.3620
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.2363 = 7.2509
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract
ST Optional Maximum Rate		1.6545		per contract
ST Optional Minimum Rate		0.3519		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract
ST Optional Maximum Rate		1.5434		per contract
ST Optional Minimum Rate		0.2408		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract
LT Optional Maximum Rate		1.0407		per contract
LT Optional Minimum Rate		0.3519		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract
LT Optional Maximum Rate		0.9296		per contract
LT Optional Minimum Rate		0.2408		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract
XLT Optional Maximum Rate		0.8815		per contract
XLT Optional Minimum Rate		0.2719		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract
XLT Optional Maximum Rate		0.7704		per contract
XLT Optional Minimum Rate		0.1608		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

February 1, 2012

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27576	+	0.50300 = 0.77876
Residential Multi Family Rate 2A Class 1	10.50	0.25087	+	0.50300 = 0.75387
Residential Multi Family Rate 2A Class 2	25.00	0.26574	+	0.50300 = 0.76874
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.27576	+	0.50300 = 0.77876
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7270	+	5.0300 = 7.7570
Rate GS-2 (<100,000 Mcf)	590.00	2.1912	+	5.0300 = 7.2212
Rate GS-2 (>100,000 Mcf)	590.00	2.0519	+	5.0300 = 7.0819
Rate S	200.00	1.6874	+	5.0300 = 6.7174
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8027		per contract
<i>Maximum (optional)</i>	2030.00	1.3320		per contract
<i>Minimum (optional)</i>	2030.00	0.2734		per contract
Rate LT (cost based rate)	3660.00	0.5841		per contract
<i>Maximum (optional)</i>	3660.00	0.9179		per contract
<i>Minimum (optional)</i>	3660.00	0.2503		per contract
Rate XLT (cost based rate)	6985.00	0.5439		per contract
<i>Maximum (optional)</i>	6985.00	0.8690		per contract
<i>Minimum (optional)</i>	6985.00	0.2188		per contract
Rate XXL (cost based rate)	120000.00	0.1659		per contract
<i>Maximum (optional)</i>	120000.00	0.2718		per contract
<i>Minimum (optional)</i>	120000.00	0.0600		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective for the billing cycle January 1, 2012 through February 29, 2012 at which time the surcharge will revert back to the surcharge approved in U-15890 and U-16290.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

February 1, 2012

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)							
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17572	+(0.55800	+ 0.04200	= 0.60000	)=	0.77572
Residential Multi-Family							
Meter Class I	11.00	0.16790	+(0.55800	+ 0.04200	= 0.60000	)=	0.76790
Meter Class II	33.00	0.16790	+(0.55800	+ 0.04200	= 0.60000	)=	0.76790
Meter Class III	88.00	0.11374	+(0.55800	+ 0.04200	= 0.60000	)=	0.71374
Meter Class IV	143.00	0.11374	+(0.55800	+ 0.04200	= 0.60000	)=	0.71374
Gas Light Rate-Residential	0.00	0.15987	+(0.55800	+ 0.04200	= 0.60000	)=	0.75987
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.38	1.46332	+(5.5800	+ 0.4200	= 6.0000	)=	7.46332
Large General Service	529.13	1.00940	+(5.5800	+ 0.4200	= 6.0000	)=	7.00940
GasLight Rate-Commercial	7.15	1.18760	+(5.5800	+ 0.4200	= 6.0000	)=	7.18760
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	37.71	110.71	407.06				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	37.71	110.71	407.06				

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16731

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

February 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.37471	+ 0.08029	= 0.45500	)= 0.64631	
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(3.74710	+ 0.8029	+ 4.5500	)= 6.37030	
General Service (GS-2)	41.35		1.3932	+(3.74710	+ 0.8029	+ 4.5500	)= 5.94320	
General Service (GS-3)	111.35		1.0985	+(3.74710	+ 0.8029	+ 4.5500	)= 5.64850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
Transportation	(\$/month)		(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		\$/Dth
TR-1	437.46		75.00	per contract	0.9068	0.7568		0.0344
TR-2	1677.46		75.00	per contract	0.6279	0.4779		0.0344
TR-3	7377.46		75.00	per contract	0.4031	0.2531		0.0344
Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

February 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09934	+ 0.48800	= 0.58734
Seasonal	10.00	0.09934	+ 0.48800	= 0.58734
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.69	0.8514	+ 4.8800	= 5.7314
Small Seasonal	19.38	0.8514	+ 4.8800	= 5.7314
Large	102.24	0.6214	+ 4.8800	= 5.5014
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.4615	0.6697	1.1312
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	4.0150	6.6970	10.7120
Large	188.00	2.5650	6.6970	9.2620

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.45462	= 0.58912
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (3027)	19.02	0.8450	+ 4.5462	= 5.3912
Firm (3047)	482.79	0.8450	+ 4.5462	= 5.3912
Interruptible	126.39	0.3300	+ 4.5462	= 4.8762
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January 1, 2012

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.1448	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Decreased</i>	5.1400	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Decreased</i>	6.3000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Decreased</i>	4.7500	5.4899 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.5141	5.7102 /Dth	U-16850
Xcel Energy	<i>Decreased</i>	4.5462	4.5462 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.1448					/Mcf
-U-16485 - As Filed or as Ordered	6.4545					/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	5.1400					/Mcf
-U-16482 - As Filed or as Ordered	5.8900					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.3000					/Mcf
-U-16481 - As Filed or as Ordered	7.0891					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.6970					/Mcf
-U-16487 - As Filed or as Ordered	6.6970					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	4.7500					/Dth
-U-16483 - As Filed or as Ordered	5.4899					/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.5141					/Dth
-U-16850 - As Filed or as Ordered	5.7102					/Dth
Xcel Energy						
- As Currently Billed	4.5462					/Dth
-U-16486 - As Filed or as Ordered	4.5462					/Dth

(Rates set by local government regulation, not by the MPSC)

(Rates set by local government regulation, not by the MPSC)

(Rates set by local government regulation, not by the MPSC)

GAS COST RECOVERY FACTOR HISTORY

January, 2012

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16485 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						
- As Currently Billed						/Mcf
-U-16482 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16481 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16487 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
- As Currently Billed						/Dth
-U-16483 - As Filed or as Ordered						/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16850 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-16486 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January 1, 2012

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28684	+ 0.61448	= 0.90132	\$100.63	14%
Michigan Consolidated Gas Co	10.50	0.27576	+ 0.51400	= 0.78976	\$89.48	1%
Michigan Gas Utilities Corp	11.00	0.17572	+ 0.63000	= 0.80572	\$91.57	3%
Presque Isle E. & G. Coop.	11.00	0.4615	0.6697	1.13120	\$124.12	40%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19131	+ 0.47500	= 0.66631	\$78.13	-12%
Wisconsin Public Service Corp	5.00	0.09934	+ 0.55141	= 0.65075	\$70.08	-21%
Xcel Energy	6.50	0.13450	+ 0.45462	= 0.58912	\$65.41	-26%
AVERAGE RATE	9.43	0.23214	0.55846	0.69177	\$88.49	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2012

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including Surcharges (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28684	+	0.61448 = 0.90132
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.61448 = 0.90132
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.1448 = 8.4108
General Service - Rate GS-2	18.20	2.06170	+	6.1448 = 8.2065
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.1448 = 7.2705
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.1448 = 7.1594
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract
ST Optional Maximum Rate		1.6545		per contract
ST Optional Minimum Rate		0.3519		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract
ST Optional Maximum Rate		1.5434		per contract
ST Optional Minimum Rate		0.2408		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract
LT Optional Maximum Rate		1.0407		per contract
LT Optional Minimum Rate		0.3519		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract
LT Optional Maximum Rate		0.9296		per contract
LT Optional Minimum Rate		0.2408		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract
XLT Optional Maximum Rate		0.8815		per contract
XLT Optional Minimum Rate		0.2719		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract
XLT Optional Maximum Rate		0.7704		per contract
XLT Optional Minimum Rate		0.1608		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January 1, 2012

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.27576	+	0.51400 = 0.78976
Residential Multi Family Rate 2A Class 1	10.50	0.25087	+	0.51400 = 0.76487
Residential Multi Family Rate 2A Class 2	25.00	0.26574	+	0.51400 = 0.77974
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.27576	+	0.51400 = 0.78976
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7270	+	5.1400 = 7.8670
Rate GS-2 (<100,000 Mcf)	590.00	2.1912	+	5.1400 = 7.3312
Rate GS-2 (>100,000 Mcf)	590.00	2.0519	+	5.1400 = 7.1919
Rate S	200.00	1.6874	+	5.1400 = 6.8274
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8027		per contract
<i>Maximum (optional)</i>	2030.00	1.3320		per contract
<i>Minimum (optional)</i>	2030.00	0.2734		per contract
Rate LT (cost based rate)	3660.00	0.5841		per contract
<i>Maximum (optional)</i>	3660.00	0.9179		per contract
<i>Minimum (optional)</i>	3660.00	0.2503		per contract
Rate XLT (cost based rate)	6985.00	0.5439		per contract
<i>Maximum (optional)</i>	6985.00	0.8690		per contract
<i>Minimum (optional)</i>	6985.00	0.2188		per contract
Rate XXL (cost based rate)	120000.00	0.1659		per contract
<i>Maximum (optional)</i>	120000.00	0.2718		per contract
<i>Minimum (optional)</i>	120000.00	0.0600		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective for the billing cycle January 1, 2012 through February 29, 2012 at which time the surcharge will revert back to the surcharge approved in U-15890 and U-16290.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

January 1, 2012

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)							
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17572	+(0.58800	+ 0.04200	= 0.63000	)=	0.80572
Residential Multi-Family							
Meter Class I	11.00	0.16790	+(0.58800	+ 0.04200	= 0.63000	)=	0.79790
Meter Class II	33.00	0.16790	+(0.58800	+ 0.04200	= 0.63000	)=	0.79790
Meter Class III	88.00	0.11374	+(0.58800	+ 0.04200	= 0.63000	)=	0.74374
Meter Class IV	143.00	0.11374	+(0.58800	+ 0.04200	= 0.63000	)=	0.74374
Gas Light Rate-Residential	0.00	0.15987	+(0.58800	+ 0.04200	= 0.63000	)=	0.78987
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.38	1.46332	+(5.8800	+ 0.4200	= 6.3000	)=	7.76332
Large General Service	529.13	1.00940	+(5.8800	+ 0.4200	= 6.3000	)=	7.30940
GasLight Rate-Commercial	7.15	1.18760	+(5.8800	+ 0.4200	= 6.3000	)=	7.48760
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	37.71	110.71	407.06				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	37.71	110.71	407.06				

Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16731

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigan Gas Utilities.com](#)

[Understanding your bill at michigan Gas Utilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January 1, 2012

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19131	+(0.39471	+ 0.08029	= 0.47500	)= 0.66631	
Customer Choice-Residential alternative suppliers	11.50		0.19131	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	17.85		1.8203	+(3.94710	+ 0.8029	+ 4.7500	)= 6.57030	
General Service (GS-2)	41.35		1.3932	+(3.94710	+ 0.8029	+ 4.7500	)= 6.14320	
General Service (GS-3)	111.35		1.0985	+(3.94710	+ 0.8029	+ 4.7500	)= 5.84850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.80290			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)	Firm Balancing Charge (\$/Dth)		
TR-1	437.46	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1677.46	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7377.46	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16733.								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

January 1, 2012

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09934	+ 0.55141	= 0.65075
Seasonal	10.00	0.09934	+ 0.55141	= 0.65075
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.69	0.8514	+ 5.5141	= 6.3655
Small Seasonal	19.38	0.8514	+ 5.5141	= 6.3655
Large	102.24	0.6214	+ 5.5141	= 6.1355
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.4615	0.6697	1.1312
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	4.0150	6.6970	10.7120
Large	188.00	2.5650	6.6970	9.2620

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.45462	= 0.58912
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.5462	= 5.3912
Firm (304?)	482.79	0.8450	+ 4.5462	= 5.3912
Interruptible	126.39	0.3300	+ 4.5462	= 4.8762
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after January 1, 2012, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16676

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.1587	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Decreased</i>	5.3500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Decreased</i>	6.5000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Decreased</i>	5.0000	5.4899 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.5726	5.7102 /Dth	U-16850
Xcel Energy	<i>Same</i>	5.1227	5.1227 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	6.3851	6.3036	6.2778	6.1663	6.1559	6.1587	/Mcf
-U-16485 - As Filed or as Ordered	6.4832	6.4545	6.4545	6.4545	6.4545	6.4545	/Mcf
Mich Consolidated Gas Company							
- As Currently Billed	5.7500	5.7500	5.7500	5.7500	5.7500	5.3500	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900	5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.0000	7.0000	7.0000	7.0000	6.5000	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	7.0891	7.0891	7.0891	7.0891	7.0891	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	6.7030	6.6970	6.6970	6.6970	6.6970	6.6970	/Mcf
-U-16487 - As Filed or as Ordered	6.7030	6.6970	6.6970	6.6970	6.6970	6.6970	/Mcf
SEMCO Energy Gas Company							
- As Currently Billed	5.5976	5.4899	5.4899	5.3500	5.2500	5.0000	/Dth
-U-16483 - As Filed or as Ordered	5.5976	5.5114	5.5114	5.4899	5.4899	5.4899	/Dth
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.0896	6.2041	6.2041	6.2041	5.7102	5.5726	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041			/Dth
-U-16850 - As Filed or as Ordered					5.7102	5.7102	/Dth
Xcel Energy							
- As Currently Billed	5.6991	5.6991	5.6991	5.1227	5.1227	5.1227	/Dth
-U-16486 - As Filed or as Ordered	5.6991	5.6991	5.6991	5.1227	5.1227	5.1227	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28684	+ 0.61587	= 0.90271	\$100.77	11%
Michigan Consolidated Gas Co	10.50	0.30341	+ 0.53500	= 0.83841	\$94.34	4%
Michigan Gas Utilities Corp	11.00	0.17287	+ 0.65000	= 0.82287	\$93.29	3%
Presque Isle E. & G. Coop.	11.00	0.4615	0.6697	1.13120	\$124.12	37%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19118	+ 0.50000	= 0.69118	\$80.62	-11%
Wisconsin Public Service Corp	5.00	0.10144	+ 0.55726	= 0.65870	\$70.87	-22%
Xcel Energy	6.50	0.13450	+ 0.51227	= 0.64677	\$71.18	-22%
AVERAGE RATE	9.43	0.23596	0.57716	0.71148	\$90.74	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28684	+	0.61587 = 0.90271
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.61587 = 0.90271
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.1587 = 8.4247
General Service - Rate GS-2	18.20	2.06170	+	6.1587 = 8.2204
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.1587 = 7.2844
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.1587 = 7.1733
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract
ST Optional Maximum Rate		1.6545		per contract
ST Optional Minimum Rate		0.3519		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract
ST Optional Maximum Rate		1.5434		per contract
ST Optional Minimum Rate		0.2408		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract
LT Optional Maximum Rate		1.0407		per contract
LT Optional Minimum Rate		0.3519		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract
LT Optional Maximum Rate		0.9296		per contract
LT Optional Minimum Rate		0.2408		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract
XLT Optional Maximum Rate		0.8815		per contract
XLT Optional Minimum Rate		0.2719		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract
XLT Optional Maximum Rate		0.7704		per contract
XLT Optional Minimum Rate		0.1608		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

December 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.30341	+	0.53500 = 0.83841
Residential Multi Family Rate 2A Class 1	10.50	0.21248	+	0.53500 = 0.74748
Residential Multi Family Rate 2A Class 2	25.00	0.29066	+	0.53500 = 0.82566
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.30341	+	0.53500 = 0.83841
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.9544	+	5.3500 = 8.3044
Rate GS-2 (<100,000 Mcf)	590.00	2.1647	+	5.3500 = 7.5147
Rate GS-2 (>100,000 Mcf)	590.00	2.0515	+	5.3500 = 7.4015
Rate S	200.00	1.8105	+	5.3500 = 7.1605
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8443		per contract
<i>Maximum (optional)</i>	2030.00	1.3736		per contract
<i>Minimum (optional)</i>	2030.00	0.3150		per contract
Rate LT (cost based rate)	3660.00	0.6000		per contract
<i>Maximum (optional)</i>	3660.00	0.9338		per contract
<i>Minimum (optional)</i>	3660.00	0.2662		per contract
Rate XLT (cost based rate)	6985.00	0.5607		per contract
<i>Maximum (optional)</i>	6985.00	0.8858		per contract
<i>Minimum (optional)</i>	6985.00	0.2356		per contract
Rate XXLT (cost based rate)	120000.00	0.1827		per contract
<i>Maximum (optional)</i>	120000.00	0.2886		per contract
<i>Minimum (optional)</i>	120000.00	0.0768		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011 and the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective for the billing cycle March 1, 2011 through February 29, 2012 at which time the surcharge will revert back to the surcharge approved in U-15890-A.

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

December 1, 2011

	Customer Charge*	Distribution Charge*						Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)						
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Residential Service	11.00	0.17287	+(0.60800	+ 0.04200	= 0.65000	)=	0.82287	
Residential Multi-Family								
Meter Class I	11.00	0.16505	+(0.60800	+ 0.04200	= 0.65000	)=	0.81505	
Meter Class II	33.00	0.16505	+(0.60800	+ 0.04200	= 0.65000	)=	0.81505	
Meter Class III	88.00	0.11089	+(0.60800	+ 0.04200	= 0.65000	)=	0.76089	
Meter Class IV	143.00	0.11089	+(0.60800	+ 0.04200	= 0.65000	)=	0.76089	
Gas Light Rate-Residential	0.00	0.15987	+(0.60800	+ 0.04200	= 0.65000	)=	0.80987	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge				
			+ per contract	+ 0.04200				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)						
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Small General Service	38.04	1.46332	+(6.0800	+ 0.4200	= 6.5000	)=	7.96332	
Large General Service	493.86	1.00940	+(6.0800	+ 0.4200	= 6.5000	)=	7.50940	
GasLight Rate-Commercial	12.21	1.18760	+(6.0800	+ 0.4200	= 6.5000	)=	7.68760	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge				
			+ per contract	+ 0.42000				
Transportation	TR-1	TR-2	TR-3					
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	39.63	104.14	383.92					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	39.63	104.14	383.92					

Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16292

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

December 1, 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19118	+(0.41971	+ 0.08029	= 0.50000	)= 0.69118	
Customer Choice-Residential alternative suppliers	11.50		0.19118	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.84		1.8203	+(4.19710	+ 0.8029	+ 5.0000	)= 6.82030	
General Service (GS-2)	48.37		1.3932	+(4.19710	+ 0.8029	+ 5.0000	)= 6.39320	
General Service (GS-3)	169.17		1.0985	+(4.19710	+ 0.8029	+ 5.0000	)= 6.09850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	359.19	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1647.44	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7490.04	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16294								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

December 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10144	+ 0.55726	= 0.65870
Seasonal	10.00	0.10144	+ 0.55726	= 0.65870
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.91	0.8514	+ 5.5726	= 6.4240
Small Seasonal	19.82	0.8514	+ 5.5726	= 6.4240
Large	100.29	0.6214	+ 5.5726	= 6.1940
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.4615	0.6697	1.1312
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	4.0150	6.6970	10.7120
Large	188.00	2.5650	6.6970	9.2620

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.51227	= 0.64677
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.1227	= 5.9677
Firm (304?)	482.79	0.8450	+ 5.1227	= 5.9677
Interruptible	126.39	0.3300	+ 5.1227	= 5.4527
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16363

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.1559	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Same</i>	5.7500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Decreased</i>	5.2500	5.4899 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.7102	5.7102 /Dth	U-16850
Xcel Energy	<i>Same</i>	5.1227	5.1227 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *						
	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company						
- As Currently Billed	6.3851	6.3036	6.2778	6.1663	6.1559	/Mcf
-U-16485 - As Filed or as Ordered	6.4832	6.4545	6.4545	6.4545	6.4545	/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.7500	5.7500	5.7500	5.7500	5.7500	/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0000	7.0000	7.0000	7.0000	7.0000	/Mcf
-U-16481 - As Filed or as Ordered	7.0891	7.0891	7.0891	7.0891	7.0891	/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.7030	6.6970	6.6970	6.6970	6.6970	/Mcf
-U-16487 - As Filed or as Ordered	6.7030	6.6970	6.6970	6.6970	6.6970	/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.5976	5.4899	5.4899	5.3500	5.2500	/Dth
-U-16483 - As Filed or as Ordered	5.5976	5.5114	5.5114	5.4899	5.4899	/Dth
Superior Energy Company *						
	(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp						
- As Currently Billed	6.0896	6.2041	6.2041	6.2041	5.7102	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041		/Dth
-U-16850 - As Filed or as Ordered					5.7102	/Dth
Xcel Energy						
- As Currently Billed	5.6991	5.6991	5.6991	5.1227	5.1227	/Dth
-U-16486 - As Filed or as Ordered	5.6991	5.6991	5.6991	5.1227	5.1227	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28684	+ 0.61559	= 0.90243	\$100.74	9%
Michigan Consolidated Gas Co	10.50	0.30341	+ 0.57500	= 0.87841	\$98.34	6%
Michigan Gas Utilities Corp	11.00	0.17287	+ 0.70000	= 0.87287	\$98.29	6%
Presque Isle E. & G. Coop.	11.00	0.4615	0.6697	1.13120	\$124.12	34%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company	11.50	0.19118	+ 0.52500	= 0.71618	\$83.12	-10%
Wisconsin Public Service Corp	5.00	0.10144	+ 0.57102	= 0.67246	\$72.25	-22%
Xcel Energy	6.50	0.13450	+ 0.51227	= 0.64677	\$71.18	-23%
AVERAGE RATE	9.43	0.23596	0.59551	0.72754	\$92.58	0%

* Rates set by local government regulation, not by MPSC.

All **volumetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28684	+	0.61559 = 0.90243
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.61559 = 0.90243
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.1559 = 8.4219
General Service - Rate GS-2	18.20	2.06170	+	6.1559 = 8.2176
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.1559 = 7.2816
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.1559 = 7.1705
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract
ST Optional Maximum Rate		1.6545		per contract
ST Optional Minimum Rate		0.3519		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract
ST Optional Maximum Rate		1.5434		per contract
ST Optional Minimum Rate		0.2408		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract
LT Optional Maximum Rate		1.0407		per contract
LT Optional Minimum Rate		0.3519		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract
LT Optional Maximum Rate		0.9296		per contract
LT Optional Minimum Rate		0.2408		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract
XLT Optional Maximum Rate		0.8815		per contract
XLT Optional Minimum Rate		0.2719		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract
XLT Optional Maximum Rate		0.7704		per contract
XLT Optional Minimum Rate		0.1608		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.30341	+	0.57500 = 0.87841
Residential Multi Family Rate 2A Class 1	10.50	0.21248	+	0.57500 = 0.78748
Residential Multi Family Rate 2A Class 2	25.00	0.29066	+	0.57500 = 0.86566
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.30341	+	0.57500 = 0.87841
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.9544	+	5.7500 = 8.7044
Rate GS-2 (<100,000 Mcf)	590.00	2.1647	+	5.7500 = 7.9147
Rate GS-2 (>100,000 Mcf)	590.00	2.0515	+	5.7500 = 7.8015
Rate S	200.00	1.8105	+	5.7500 = 7.5605
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8443		per contract
<i>Maximum (optional)</i>	2030.00	1.3736		per contract
<i>Minimum (optional)</i>	2030.00	0.3150		per contract
Rate LT (cost based rate)	3660.00	0.6000		per contract
<i>Maximum (optional)</i>	3660.00	0.9338		per contract
<i>Minimum (optional)</i>	3660.00	0.2662		per contract
Rate XLT (cost based rate)	6985.00	0.5607		per contract
<i>Maximum (optional)</i>	6985.00	0.8858		per contract
<i>Minimum (optional)</i>	6985.00	0.2356		per contract
Rate XXL (cost based rate)	120000.00	0.1827		per contract
<i>Maximum (optional)</i>	120000.00	0.2886		per contract
<i>Minimum (optional)</i>	120000.00	0.0768		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011 and the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

November 1, 2011

	Customer Charge*	Distribution Charge*						Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Residential Service	11.00	0.17287	+(0.65800	+ 0.04200	= 0.70000	)=	0.87287	
Residential Multi-Family								
Meter Class I	11.00	0.16505	+(0.65800	+ 0.04200	= 0.70000	)=	0.86505	
Meter Class II	33.00	0.16505	+(0.65800	+ 0.04200	= 0.70000	)=	0.86505	
Meter Class III	88.00	0.11089	+(0.65800	+ 0.04200	= 0.70000	)=	0.81089	
Meter Class IV	143.00	0.11089	+(0.65800	+ 0.04200	= 0.70000	)=	0.81089	
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge				
			+ per contract	+ 0.04200				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Small General Service	38.04	1.46332	+(6.5800	+ 0.4200	= 7.0000	)=	8.46332	
Large General Service	493.86	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940	
GasLight Rate-Commercial	12.21	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge				
			+ per contract	+ 0.42000				
Transportation	TR-1	TR-2	TR-3					
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	39.63	104.14	383.92					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	39.63	104.14	383.92					

Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16292

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

November 1, 2011

	Customer Charge		Distribution Charge	November 1, 2011				Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19118	+(0.44471	+ 0.08029	= 0.52500	)=	0.71618
Customer Choice-Residential alternative suppliers	11.50		0.19118	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.84		1.8203	+(4.44710	+ 0.8029	+ 5.2500	)=	7.07030
General Service (GS-2)	48.37		1.3932	+(4.44710	+ 0.8029	+ 5.2500	)=	6.64320
General Service (GS-3)	169.17		1.0985	+(4.44710	+ 0.8029	+ 5.2500	)=	6.34850
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.80290			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	359.19	75.00		per contract	0.9068	0.7568	0.0344	
TR-2	1647.44	75.00		per contract	0.6279	0.4779	0.0344	
TR-3	7490.04	75.00		per contract	0.4031	0.2531	0.0344	
Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16294								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

November 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10144	+ 0.57102	= 0.67246
Seasonal	10.00	0.10144	+ 0.57102	= 0.67246
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.91	0.8514	+ 5.7102	= 6.5616
Small Seasonal	19.82	0.8514	+ 5.7102	= 6.5616
Large	100.29	0.6214	+ 5.7102	= 6.3316
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.4615	0.6697	1.1312
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	4.0150	6.6970	10.7120
Large	188.00	2.5650	6.6970	9.2620

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.51227	= 0.64677
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.1227	= 5.9677
Firm (304?)	482.79	0.8450	+ 5.1227	= 5.9677
Interruptible	126.39	0.3300	+ 5.1227	= 5.4527
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16363

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.1663	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Same</i>	5.7500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Decreased</i>	5.3500	5.4899 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Same</i>	6.2041	6.2041 /Dth	U-16390
Xcel Energy	<i>Decreased</i>	5.1227	5.1227 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *						
	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company						
- As Currently Billed	6.3851	6.3036	6.2778	6.1663		/Mcf
-U-16485 - As Filed or as Ordered	6.4832	6.4545	6.4545	6.4545		/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.7500	5.7500	5.7500	5.7500		/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900	5.8900		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0000	7.0000	7.0000	7.0000		/Mcf
-U-16481 - As Filed or as Ordered	7.0891	7.0891	7.0891	7.0891		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.7030	6.6970	6.6970	6.6970		/Mcf
-U-16487 - As Filed or as Ordered	6.7030	6.6970	6.6970	6.6970		/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.5976	5.4899	5.4899	5.3500		/Dth
-U-16483 - As Filed or as Ordered	5.5976	5.5114	5.5114	5.4899		/Dth
Superior Energy Company *						
	(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp						
- As Currently Billed	6.0896	6.2041	6.2041	6.2041		/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041		/Dth
Xcel Energy						
- As Currently Billed	5.6991	5.6991	5.6991	5.1227		/Dth
-U-16486 - As Filed or as Ordered	5.6991	5.6991	5.6991	5.1227		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28684	+ 0.61663	= 0.90347	\$100.85	25%
Michigan Consolidated Gas Co	10.50	0.30341	+ 0.57500	= 0.87841	\$98.34	22%
Michigan Gas Utilities Corp	11.00	0.17287	+ 0.70000	= 0.87287	\$98.29	22%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6697	1.04970	\$115.97	44%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19118	+ 0.53500	= 0.72618	\$84.12	4%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10144	+ 0.62041	= 0.72185	\$77.19	-4%
Xcel Energy	6.50	0.13450	+ 0.51227	= 0.64677	\$71.18	-12%
AVERAGE RATE	8.25	0.19628	0.52863	0.72491	\$80.74	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2011

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
						<i>*including Surcharges (Note 2)</i>
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)
Sales				From Utility		
Rate A	10.50	0.28684	+	0.61663	=	0.90347
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.61663	=	0.90347
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)						
Customer Choice				From Others		
<u>alternative suppliers</u>	10.50	0.28684	+	per contract		
				* including EO Surcharge (Note 2)		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)
Sales				From Utility		
General Service - Rate GS-1	11.65	2.26600	+	6.1663	=	8.4323
General Service - Rate GS-2	18.20	2.06170	+	6.1663	=	8.2280
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.1663	=	7.2920
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.1663	=	7.1809
Customer Choice				From Others		
<u>alternative suppliers</u>	(see above)	(see above)		per contract		
Transportation				From Others		
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract		
ST Optional Maximum Rate		1.6545		per contract		
ST Optional Minimum Rate		0.3519		per contract		
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract		
ST Optional Maximum Rate		1.5434		per contract		
ST Optional Minimum Rate		0.2408		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract		
LT Optional Maximum Rate		1.0407		per contract		
LT Optional Minimum Rate		0.3519		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract		
LT Optional Maximum Rate		0.9296		per contract		
LT Optional Minimum Rate		0.2408		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract		
XLT Optional Maximum Rate		0.8815		per contract		
XLT Optional Minimum Rate		0.2719		per contract		
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract		
XLT Optional Maximum Rate		0.7704		per contract		
XLT Optional Minimum Rate		0.1608		per contract		
XLT Remote Meter Charge	70.00			per contract		
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00	includes gas				
2.6 to 4.5 CF/Hr	22.00	includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.30341	+ 0.57500	= 0.87841
Residential Multi Family Rate 2A Class 1	10.50	0.21248	+ 0.57500	= 0.78748
Residential Multi Family Rate 2A Class 2	25.00	0.29066	+ 0.57500	= 0.86566
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.30341	+ 0.57500	= 0.87841
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.9544	+ 5.7500	= 8.7044
Rate GS-2 (<100,000 Mcf)	590.00	2.1647	+ 5.7500	= 7.9147
Rate GS-2 (>100,000 Mcf)	590.00	2.0515	+ 5.7500	= 7.8015
Rate S	200.00	1.8105	+ 5.7500	= 7.5605
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8443	per contract	
<i>Maximum (optional)</i>	2030.00	1.3736	per contract	
<i>Minimum (optional)</i>	2030.00	0.3150	per contract	
Rate LT (cost based rate)	3660.00	0.6000	per contract	
<i>Maximum (optional)</i>	3660.00	0.9338	per contract	0.6242
<i>Minimum (optional)</i>	3660.00	0.2662	per contract	
Rate XLT (cost based rate)	6985.00	0.5607	per contract	
<i>Maximum (optional)</i>	6985.00	0.8858	per contract	
<i>Minimum (optional)</i>	6985.00	0.2356	per contract	
Rate XXLT (cost based rate)	120000.00	0.1827	per contract	
<i>Maximum (optional)</i>	120000.00	0.2886	per contract	
<i>Minimum (optional)</i>	120000.00	0.0768	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011 and the 2010 UETM effective for up to 12 months until the authorized under collection is recovered, commencing on October 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com](#) for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

October 1, 2011

	Customer Charge*	Distribution Charge*						Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Residential Service	11.00	0.17287	+(0.65800	+ 0.04200	= 0.70000	)=	0.87287	
Residential Multi-Family								
Meter Class I	11.00	0.16505	+(0.65800	+ 0.04200	= 0.70000	)=	0.86505	
Meter Class II	33.00	0.16505	+(0.65800	+ 0.04200	= 0.70000	)=	0.86505	
Meter Class III	88.00	0.11089	+(0.65800	+ 0.04200	= 0.70000	)=	0.81089	
Meter Class IV	143.00	0.11089	+(0.65800	+ 0.04200	= 0.70000	)=	0.81089	
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987	
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge				
			+ per contract	+ 0.04200				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Small General Service	38.04	1.46332	+(6.5800	+ 0.4200	= 7.0000	)=	8.46332	
Large General Service	493.86	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940	
GasLight Rate-Commercial	12.21	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760	
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge				
			+ per contract	+ 0.42000				
Transportation	TR-1	TR-2	TR-3					
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	39.63	104.14	383.92					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	39.63	104.14	383.92					

Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16292

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Revenue Decoupling Mechanism (RDM) surcharge or credit per U-16570

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigan Gas Utilities.com](#)

[Understanding your bill at michigan Gas Utilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

October 1, 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19118	+(0.45471	+ 0.08029	= 0.53500	)= 0.72618	
Customer Choice-Residential alternative suppliers	11.50		0.19118	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.84		1.8203	+(4.54710	+ 0.8029	+ 5.3500	)= 7.17030	
General Service (GS-2)	48.37		1.3932	+(4.54710	+ 0.8029	+ 5.3500	)= 6.74320	
General Service (GS-3)	169.17		1.0985	+(4.54710	+ 0.8029	+ 5.3500	)= 6.44850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	359.19	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1647.44	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7490.04	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16294								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

October 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10144	+ 0.62041	= 0.72185
Seasonal	10.00	0.10144	+ 0.62041	= 0.72185
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.91	0.8514	+ 6.2041	= 7.0555
Small Seasonal	19.82	0.8514	+ 6.2041	= 7.0555
Large	100.29	0.6214	+ 6.2041	= 6.8255
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.6697	1.0497
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	6.6970	9.8970
Large	188.00	1.7500	6.6970	8.4470

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.51227	= 0.64677
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.1227	= 5.9677
Firm (304?)	482.79	0.8450	+ 5.1227	= 5.9677
Interruptible	126.39	0.3300	+ 5.1227	= 5.4527
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16363

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.2778	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Same</i>	5.7500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Same</i>	5.4899	5.5114 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Same</i>	6.2041	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	5.6991	5.6991 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11 \$/unit	Aug-11 \$/unit	Sep-11 \$/unit	Oct-11 \$/unit	Nov-11 \$/unit	Dec-11 \$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	6.3851	6.3036	6.2778			/Mcf
-U-16485 - As Filed or as Ordered	6.4832	6.4545	6.4545			/Mcf
Mich Consolidated Gas Company						
- As Currently Billed	5.7500	5.7500	5.7500			/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900	5.8900			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0000	7.0000	7.0000			/Mcf
-U-16481 - As Filed or as Ordered	7.0891	7.0891	7.0891			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.7030	6.6970	6.6970			/Mcf
-U-16487 - As Filed or as Ordered	6.7030	6.6970	6.6970			/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.5976	5.4899	5.4899			/Dth
-U-16483 - As Filed or as Ordered	5.5976	5.5114	5.5114			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	6.0896	6.2041	6.2041			/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041			/Dth
Xcel Energy						
- As Currently Billed	5.6991	5.6991	5.6991			/Dth
-U-16486 - As Filed or as Ordered	5.6991	5.6991	5.6991			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28684	+ 0.62778	= 0.91462	\$101.96	23%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.57500	= 0.85706	\$96.21	16%
Michigan Gas Utilities Corp	11.00	0.28076	+ 0.70000	= 0.98076	\$109.08	32%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6697	1.04970	\$115.97	40%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19118	+ 0.54899	= 0.74017	\$85.52	3%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10144	+ 0.62041	= 0.72185	\$77.19	-7%
Xcel Energy	6.50	0.13450	+ 0.56991	= 0.70441	\$76.94	-7%
AVERAGE RATE	8.25	0.20710	0.53897	0.74607	\$82.86	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.28684	+	0.62778 = 0.91462
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.62778 = 0.91462
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.2778 = 8.5438
General Service - Rate GS-2	18.20	2.06170	+	6.2778 = 8.3395
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.2778 = 7.4035
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.2778 = 7.2924
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract
ST Optional Maximum Rate		1.6545		per contract
ST Optional Minimum Rate		0.3519		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract
ST Optional Maximum Rate		1.5434		per contract
ST Optional Minimum Rate		0.2408		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract
LT Optional Maximum Rate		1.0407		per contract
LT Optional Minimum Rate		0.3519		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract
LT Optional Maximum Rate		0.9296		per contract
LT Optional Minimum Rate		0.2408		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract
XLT Optional Maximum Rate		0.8815		per contract
XLT Optional Minimum Rate		0.2719		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract
XLT Optional Maximum Rate		0.7704		per contract
XLT Optional Minimum Rate		0.1608		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	14.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

September 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.57500 = 0.78351
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.57500 = 0.84682
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.7500 = 8.5382
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.7500 = 7.8000
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.7500 = 7.6868
Rate S	200.00	1.8049	+	5.7500 = 7.5549
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com](#) for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

September 1, 2011

	Customer Charge*	Distribution Charge*						Total Charge		
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1) Including surcharges (See Note 2)										
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)							
Sales				Gas Costs From Utility	Balancing Costs	GCR Factor				
Residential Service	11.00	0.28076	+(0.65800	+	0.04200	=	0.70000)=	0.98076
Residential Multi-Family										
Meter Class I	11.00	0.19278	+(0.65800	+	0.04200	=	0.70000)=	0.89278
Meter Class II	33.00	0.19394	+(0.65800	+	0.04200	=	0.70000)=	0.89394
Meter Class III	88.00	0.14420	+(0.65800	+	0.04200	=	0.70000)=	0.84420
Meter Class IV	143.00	0.22643	+(0.65800	+	0.04200	=	0.70000)=	0.92643
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+	0.04200	=	0.70000)=	0.85987
Customer Choice-Residential				From Others	Balancing Surcharge					
alternative suppliers	(see above)	(see above)	+	per contract	+	0.04200				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)							
Sales				Gas Costs From Utility	Balancing Costs	GCR Factor				
Small General Service	38.04	2.53714	+(6.5800	+	0.4200	=	7.0000)=	9.53714
Large General Service	493.86	1.41573	+(6.5800	+	0.4200	=	7.0000)=	8.41573
GasLight Rate-Commercial	12.21	1.18760	+(6.5800	+	0.4200	=	7.0000)=	8.18760
Customer Choice-Comm. & Ind.				From Others	Balancing Surcharge					
alternative suppliers	(see above)	(see above)	+	per contract	+	0.42000				
Transportation	TR-1	TR-2	TR-3							
Fixed Charges	\$/Mo	\$/Mo	\$/Mo							
Customer Charge	825	2,250	3,050							
EO Surcharge	39.63	104.14	383.92							
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf							
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651							
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151							
UETM Surcharge	0.20290	0.08245	0.03781							
Additional Meters	\$/Mo	\$/Mo	\$/Mo							
Customer Charge	825	2,250	3,050							
EO Surcharge	39.63	104.14	383.92							

Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16292

Note 2: Effective for bills rendered on and after September 1, 2011, customers will pay the Uncollectibles Expense Tracking Mechanism (UETM) Surcharge pursuant to U-16569 and Revenue Decoupling Mechanism (RDM) surcharge or credit per U 16570

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

September 1, 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19118	+(0.46870	+ 0.08029	= 0.54899	)= 0.74017	
Customer Choice-Residential alternative suppliers	11.50		0.19118	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.84		1.8203	+(4.68700	+ 0.8029	+ 5.4899	)= 7.31020	
General Service (GS-2)	48.37		1.3932	+(4.68700	+ 0.8029	+ 5.4899	)= 6.88310	
General Service (GS-3)	169.17		1.0985	+(4.68700	+ 0.8029	+ 5.4899	)= 6.58840	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	359.19	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1647.44	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7490.04	75.00	per contract	0.4031	0.2531	0.0344		
Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16294								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

September 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10144	+ 0.62041	= 0.72185
Seasonal	10.00	0.10144	+ 0.62041	= 0.72185
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.91	0.8514	+ 6.2041	= 7.0555
Small Seasonal	19.82	0.8514	+ 6.2041	= 7.0555
Large	100.29	0.6214	+ 6.2041	= 6.8255
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.6697	1.0497
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	6.6970	9.8970
Large	188.00	1.7500	6.6970	8.4470

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.56991	= 0.70441
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.6991	= 6.5441
Firm (304?)	482.79	0.8450	+ 5.6991	= 6.5441
Interruptible	126.39	0.3300	+ 5.6991	= 6.0291
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16363

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.3036	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Same</i>	5.7500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Decreased</i>	6.6970	6.6970 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Decreased</i>	5.4899	5.5114 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.2041	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	5.6991	5.6991 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	

GAS COST RECOVERY FACTOR HISTORY

August, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	6.3851	6.3036				/Mcf
-U-16485 - As Filed or as Ordered	6.4832	6.4545				/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	5.7500	5.7500				/Mcf
-U-16482 - As Filed or as Ordered	5.8900	5.8900				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0000	7.0000				/Mcf
-U-16481 - As Filed or as Ordered	7.0891	7.0891				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.7030	6.6970				/Mcf
-U-16487 - As Filed or as Ordered	6.7030	6.6970				/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.5976	5.4899				/Dth
-U-16483 - As Filed or as Ordered	5.5976	5.5114				
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	6.0896	6.2041				/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041				
Xcel Energy						
- As Currently Billed	5.6991	5.6991				/Dth
-U-16486 - As Filed or as Ordered	5.6991	5.6991				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28684	+ 0.63036	= 0.91720	\$102.22	25%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.57500	= 0.85706	\$96.21	18%
Michigan Gas Utilities Corp	11.00	0.17806	+ 0.70000	= 0.87806	\$98.81	21%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6697	1.04970	\$115.97	42%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19118	+ 0.54899	= 0.74017	\$85.52	5%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10144	+ 0.62041	= 0.72185	\$77.19	-5%
Xcel Energy	6.50	0.13450	+ 0.56991	= 0.70441	\$76.94	-6%
AVERAGE RATE	8.25	0.19426	0.53930	0.73356	\$81.61	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2011

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
<i>*including Surcharges (Note 2)</i>					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Rate A	10.50	0.28684	+	0.63036	= 0.91720
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.63036	= 0.91720
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract	
<i>* including EO Surcharge (Note 2)</i>					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.3036	= 8.5696
General Service - Rate GS-2	18.20	2.06170	+	6.3036	= 8.3653
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.3036	= 7.4293
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.3036	= 7.3182
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract	
ST Optional Maximum Rate		1.6545		per contract	
ST Optional Minimum Rate		0.3519		per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract	
ST Optional Maximum Rate		1.5434		per contract	
ST Optional Minimum Rate		0.2408		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract	
LT Optional Maximum Rate		1.0407		per contract	
LT Optional Minimum Rate		0.3519		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract	
LT Optional Maximum Rate		0.9296		per contract	
LT Optional Minimum Rate		0.2408		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract	
XLT Optional Maximum Rate		0.8815		per contract	
XLT Optional Minimum Rate		0.2719		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract	
XLT Optional Maximum Rate		0.7704		per contract	
XLT Optional Minimum Rate		0.1608		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	14.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.57500 = 0.78351
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.57500 = 0.84682
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.7500 = 8.5382
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.7500 = 7.8000
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.7500 = 7.6868
Rate S	200.00	1.8049	+	5.7500 = 7.5549
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

August 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)						
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17806	+(0.65800	+ 0.04200	= 0.70000	)=	0.87806
Residential Multi-Family							
Meter Class I	11.00	0.13748	+(0.65800	+ 0.04200	= 0.70000	)=	0.83748
Meter Class II	33.00	0.13748	+(0.65800	+ 0.04200	= 0.70000	)=	0.83748
Meter Class III	88.00	0.12448	+(0.65800	+ 0.04200	= 0.70000	)=	0.82448
Meter Class IV	143.00	0.12448	+(0.65800	+ 0.04200	= 0.70000	)=	0.82448
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	38.04	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Large General Service	493.86	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940
GasLight Rate-Commercial	12.21	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	39.63	104.14	383.92				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	39.63	104.14	383.92				

Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16292

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

August 1, 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19118	+(0.46870	+ 0.08029	= 0.54899	)= 0.74017	
Customer Choice-Residential alternative suppliers	11.50		0.19118	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.84		1.8203	+(4.68700	+ 0.8029	+ 5.4899	)= 7.31020	
General Service (GS-2)	48.37		1.3932	+(4.68700	+ 0.8029	+ 5.4899	)= 6.88310	
General Service (GS-3)	169.17		1.0985	+(4.68700	+ 0.8029	+ 5.4899	)= 6.58840	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
Transportation	(\$/month)		(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		\$/Dth
TR-1	359.19		75.00	per contract	0.9068	0.7568		0.0344
TR-2	1647.44		75.00	per contract	0.6279	0.4779		0.0344
TR-3	7490.04		75.00	per contract	0.4031	0.2531		0.0344
Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16294								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

August 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10144 +	0.62041 =	0.72185
Seasonal	10.00	0.10144 +	0.62041 =	0.72185
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.91	0.8514 +	6.2041 =	7.0555
Small Seasonal	19.82	0.8514 +	6.2041 =	7.0555
Large	100.29	0.6214 +	6.2041 =	6.8255
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	11.00	0.3800	0.6697	1.0497
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	16.00	3.2000	6.6970	9.8970
Large	188.00	1.7500	6.6970	8.4470

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 +	0.56991 =	0.70441
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 +	5.6991 =	6.5441
Firm (304?)	482.79	0.8450 +	5.6991 =	6.5441
Interruptible	126.39	0.3300 +	5.6991 =	6.0291
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16363

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.3851	6.4832 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Same</i>	5.7500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Increased</i>	7.0000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.7030	6.7030 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Increased</i>	5.5976	5.5976 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.0896	6.2041 /Dth	U-16390
Xcel Energy	<i>Increased</i>	5.6991	5.6991 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	

GAS COST RECOVERY FACTOR HISTORY

July, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	6.3851					/Mcf
-U-16485 - As Filed or as Ordered	6.4832					/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	5.7500					/Mcf
-U-16482 - As Filed or as Ordered	5.8900					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0000					/Mcf
-U-16481 - As Filed or as Ordered	7.0891					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	6.7030					/Mcf
-U-16487 - As Filed or as Ordered	6.7030					/Mcf
SEMCO Energy Gas Company						
- As Currently Billed	5.5976					/Dth
-U-16483 - As Filed or as Ordered	5.5976					
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	6.0896					/Dth
-U-16390 - As Filed or as Ordered	6.2041					
Xcel Energy						
- As Currently Billed	5.6991					/Dth
-U-16486 - As Filed or as Ordered	5.6991					/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.28684	+ 0.63851	= 0.92535	\$103.04	26%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.57500	= 0.85706	\$96.21	18%
Michigan Gas Utilities Corp	11.00	0.17806	+ 0.70000	= 0.87806	\$98.81	21%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6703	1.05030	\$116.03	42%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19118	+ 0.55976	= 0.75094	\$86.59	6%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10144	+ 0.60896	= 0.71040	\$76.04	-7%
Xcel Energy	6.50	0.13450	+ 0.56991	= 0.70441	\$76.94	-6%
AVERAGE RATE	8.25	0.19426	0.54031	0.73457	\$81.71	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2011

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
<i>*including Surcharges (Note 2)</i>					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Rate A	10.50	0.28684	+	0.63851	= 0.92535
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.63851	= 0.92535
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.28684	+	per contract	
<i>* including EO Surcharge (Note 2)</i>					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
General Service - Rate GS-1	11.65	2.26600	+	6.3851	= 8.6511
General Service - Rate GS-2	18.20	2.06170	+	6.3851	= 8.4468
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.3851	= 7.5108
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.3851	= 7.3997
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract	
ST Optional Maximum Rate		1.6545		per contract	
ST Optional Minimum Rate		0.3519		per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract	
ST Optional Maximum Rate		1.5434		per contract	
ST Optional Minimum Rate		0.2408		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract	
LT Optional Maximum Rate		1.0407		per contract	
LT Optional Minimum Rate		0.3519		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract	
LT Optional Maximum Rate		0.9296		per contract	
LT Optional Minimum Rate		0.2408		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract	
XLT Optional Maximum Rate		0.8815		per contract	
XLT Optional Minimum Rate		0.2719		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract	
XLT Optional Maximum Rate		0.7704		per contract	
XLT Optional Minimum Rate		0.1608		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	14.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

July 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.57500 = 0.78351
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.57500 = 0.84682
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.7500 = 8.5382
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.7500 = 7.8000
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.7500 = 7.6868
Rate S	200.00	1.8049	+	5.7500 = 7.5549
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com](#) for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

July 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)						
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17806	+(0.65800	+ 0.04200	= 0.70000	)=	0.87806
Residential Multi-Family							
Meter Class I	11.00	0.13748	+(0.65800	+ 0.04200	= 0.70000	)=	0.83748
Meter Class II	33.00	0.13748	+(0.65800	+ 0.04200	= 0.70000	)=	0.83748
Meter Class III	88.00	0.12448	+(0.65800	+ 0.04200	= 0.70000	)=	0.82448
Meter Class IV	143.00	0.12448	+(0.65800	+ 0.04200	= 0.70000	)=	0.82448
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	38.04	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Large General Service	493.86	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940
GasLight Rate-Commercial	12.21	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	39.63	104.14	383.92				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	39.63	104.14	383.92				

Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16292

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

July 1, 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19118	+(0.47947	+ 0.08029	= 0.55976	)=	0.75094
Customer Choice-Residential alternative suppliers	11.50		0.19118	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.84		1.8203	+(4.79470	+ 0.8029	+ 5.5976	)=	7.41790
General Service (GS-2)	48.37		1.3932	+(4.79470	+ 0.8029	+ 5.5976	)=	6.99080
General Service (GS-3)	169.17		1.0985	+(4.79470	+ 0.8029	+ 5.5976	)=	6.69610
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
Transportation	(\$/month)		(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		\$/Dth
TR-1	359.19		75.00	per contract	0.9068	0.7568		0.0344
TR-2	1647.44		75.00	per contract	0.6279	0.4779		0.0344
TR-3	7490.04		75.00	per contract	0.4031	0.2531		0.0344
Note 1: Effective for bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16294								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

July 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10144 + 0.60896 =		0.71040
Seasonal	10.00	0.10144 + 0.60896 =		0.71040
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.91	0.8514 + 6.0896 =		6.9410
Small Seasonal	19.82	0.8514 + 6.0896 =		6.9410
Large	100.29	0.6214 + 6.0896 =		6.7110
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	11.00	0.3800 0.6703		1.0503
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	16.00	3.2000 6.7030		9.9030
Large	188.00	1.7500 6.7030		8.4530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 + 0.56991 =		0.70441
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 + 5.6991 =		6.5441
Firm (304?)	482.79	0.8450 + 5.6991 =		6.5441
Interruptible	126.39	0.3300 + 5.6991 =		6.0291
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after July 1, 2011, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16363

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.3656	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Decreased</i>	5.7500	5.8900 /Mcf	U-16482
Michigan Gas Utilities Corp	<i>Decreased</i>	6.8500	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.7030	6.7030 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Same</i>	5.5114	5.5114 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.4196	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	5.3148	5.5390 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	6.3656	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934				/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	5.7500	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600				/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	6.8500	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350				/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	7.0891	
Presque Isle E. & G. Coop.							
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140				/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	6.7030	
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	
MPSC Division							
- As Currently Billed	5.4481	5.3100	5.1000	4.9000	5.5114	5.5114	/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751				/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	5.5114	
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	5.4196	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy							
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270				/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	5.5390	

GAS COST RECOVERY FACTOR HISTORY

June, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16485 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-16482 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16481 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16487 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-16483 - As Filed or as Ordered						
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16390 - As Filed or as Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-16486 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.28684	+ 0.63656	= 0.92340	\$102.84	28%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.57500	= 0.85706	\$96.21	20%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.68500	= 0.86036	\$97.04	21%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6703	1.05030	\$116.03	45%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19120	+ 0.55114	= 0.74234	\$85.73	7%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10154	+ 0.54196	= 0.64350	\$69.35	-13%
Xcel Energy	6.50	0.13450	+ 0.53148	= 0.66598	\$73.10	-9%
AVERAGE RATE	8.25	0.19394	0.52393	0.71787	\$80.04	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2011

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
<i>*including Surcharges (Note 2)</i>						
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)				
Sales				From Utility		
Rate A	10.50	0.28684	+	0.63656	=	0.92340
Rate A-1 Residential Multi-Family	10.50	0.28684	+	0.63656	=	0.92340
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)						
Customer Choice				From Others		
<u>alternative suppliers</u>	10.50	0.28684	+	per contract		
<i>* including EO Surcharge (Note 2)</i>						
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)				
Sales				From Utility		
General Service - Rate GS-1	11.65	2.26600	+	6.3656	=	8.6316
General Service - Rate GS-2	18.20	2.06170	+	6.3656	=	8.4273
General Service - Rate GS-3 (0-100,000 Year)	540.80	1.12570	+	6.3656	=	7.4913
General Service - Rate GS-3 (>100,000 Year)	540.80	1.01460	+	6.3656	=	7.3802
Customer Choice				From Others		
<u>alternative suppliers</u>	(see above)	(see above)		per contract		
Transportation				From Others		
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0032		per contract		
ST Optional Maximum Rate		1.6545		per contract		
ST Optional Minimum Rate		0.3519		per contract		
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8921		per contract		
ST Optional Maximum Rate		1.5434		per contract		
ST Optional Minimum Rate		0.2408		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6963		per contract		
LT Optional Maximum Rate		1.0407		per contract		
LT Optional Minimum Rate		0.3519		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5852		per contract		
LT Optional Maximum Rate		0.9296		per contract		
LT Optional Minimum Rate		0.2408		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5767		per contract		
XLT Optional Maximum Rate		0.8815		per contract		
XLT Optional Minimum Rate		0.2719		per contract		
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4656		per contract		
XLT Optional Maximum Rate		0.7704		per contract		
XLT Optional Minimum Rate		0.1608		per contract		
XLT Remote Meter Charge	70.00			per contract		
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	14.00			includes gas		
2.6 to 4.5 CF/Hr	22.00			includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2011 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16302

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

June 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.57500 = 0.78351
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.57500 = 0.84682
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.57500 = 0.85706
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.7500 = 8.5382
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.7500 = 7.8000
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.7500 = 7.6868
Rate S	200.00	1.8049	+	5.7500 = 7.5549
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com](#) for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

June 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)						
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.64300	+ 0.04200	= 0.68500	)=	0.86036
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.64300	+ 0.04200	= 0.68500	)=	0.81978
Meter Class II	33.00	0.13478	+(0.64300	+ 0.04200	= 0.68500	)=	0.81978
Meter Class III	88.00	0.12178	+(0.64300	+ 0.04200	= 0.68500	)=	0.80678
Meter Class IV	143.00	0.12178	+(0.64300	+ 0.04200	= 0.68500	)=	0.80678
Gas Light Rate-Residential	0.00	0.15987	+(0.64300	+ 0.04200	= 0.68500	)=	0.84487
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(6.4300	+ 0.4200	= 6.8500	)=	8.03760
Large General Service	498.76	1.00940	+(6.4300	+ 0.4200	= 6.8500	)=	7.85940
GasLight Rate-Commercial	7.77	1.18760	+(6.4300	+ 0.4200	= 6.8500	)=	8.03760
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

June 1, 2011

	Customer Charge		Distribution Charge	Total Charge			
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)					
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
Residential Service	11.50	0.19120	+(0.47085	+ 0.08029	= 0.55114	)= 0.74234
Customer Choice-Residential alternative suppliers	11.50	0.19120	+ From Others per contract	+ 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)					
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor	
General Service (GS-1)	13.91	1.8203	+(4.70850	+ 0.8029	+ 5.5114	)= 7.33170
General Service (GS-2)	48.26	1.3932	+(4.70850	+ 0.8029	+ 5.5114	)= 6.90460
General Service (GS-3)	172.23	1.0985	+(4.70850	+ 0.8029	+ 5.5114	)= 6.60990
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	+ From Others per contract	+ 0.80290			
	Customer Charge	Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
Transportation	(\$/month)	(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth	\$/Dth	
TR-1	376.84	75.00	per contract	0.9068	0.7568	0.0344	
TR-2	1679.70	75.00	per contract	0.6279	0.4779	0.0344	
TR-3	7603.58	75.00	per contract	0.4031	0.2531	0.0344	
Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293							
Rates at semcoenergy.com							
Customer Attachment Program surcharges are in addition to rates above							
Understanding your bill at semcoenergygas.com							
Rates Reference: see Rate Books for more details							

OTHER MICHIGAN-PSC REGULATED

June 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10154 + 0.54196 =		0.64350
Seasonal	10.00	0.10154 + 0.54196 =		0.64350
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.72	0.8514 + 5.4196 =		6.2710
Small Seasonal	19.44	0.8514 + 5.4196 =		6.2710
Large	97.64	0.6214 + 5.4196 =		6.0410
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	11.00	0.3800 0.6703		1.0503
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	16.00	3.2000 6.7030		9.9030
Large	188.00	1.7500 6.7030		8.4530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 + 0.53148 =		0.66598
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 + 5.3148 =		6.1598
Firm (304?)	482.79	0.8450 + 5.3148 =		6.1598
Interruptible	126.39	0.3300 + 5.3148 =		5.6448
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May, 1 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.3630	6.4545 /Mcf	U-16485
Michigan Consolidated Gas Co	<i>Increased</i>	5.8900	5.8900 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	7.0891 /Mcf	U-16481
Presque Isle E. & G. Coop.	<i>Same</i>	6.7030	6.7030 /Mcf	U-16487
SEMCO Energy Gas Co	<i>Increased</i>	5.5114	5.5114 /Dth	U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	4.7236	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	5.3148	5.5390 /Dth	U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May, 1 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.9264	6.7877	6.4338	6.3474	6.3630	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934			/Mcf
-U-16485 - As Filed or as Ordered				6.4545	6.4545	/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	6.2300	6.3900	5.9200	5.8000	5.8900	/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600			/Mcf
-U-16482 - As Filed or as Ordered				5.8900	5.8900	/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.4350	7.0000	6.0000	7.0000	7.0000	/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350			/Mcf
-U-16481 - As Filed or as Ordered				7.0891	7.0891	
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140	7.9140	6.7030	6.7030	/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140			/Mcf
-U-16487 - As Filed or as Ordered				6.7030	6.7030	
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.0000	4.5200	4.5000	4.9000	5.5114	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713			/Dth
-U-16483 - As Filed or as Ordered				5.5114	5.5114	
MPSC Division						
- As Currently Billed	5.4481	5.3100	5.1000	4.9000		/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751			/Dth
-U-16483 - As Filed or as Ordered				5.5114		
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.6202	5.4630	5.5512	5.1001	4.7236	/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041	6.2041	/Dth
Xcel Energy						
- As Currently Billed	4.9753	4.9753	4.9753	5.3148	5.3148	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270			/Dth
-U-16486 - As Filed or as Ordered				5.5390	5.5390	

GAS COST RECOVERY FACTOR HISTORY

May, 1 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16485 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-16482 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16481 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16487 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-16483 - As Filed or as Ordered						
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16390 - As Filed or as Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-16486 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May, 1 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.26573	+ 0.63630	= 0.90203	\$100.70	27%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.58900	= 0.87106	\$97.61	23%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.70000	= 0.87536	\$98.54	24%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6703	1.05030	\$116.03	46%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19120	+ 0.55114	= 0.74234	\$85.73	8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10154	+ 0.47236	= 0.57390	\$62.39	-21%
Xcel Energy	6.50	0.13450	+ 0.53148	= 0.66598	\$73.10	-8%
AVERAGE RATE	8.25	0.19130	0.51882	0.71012	\$79.26	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May, 1 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including Surcharges (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26573	+	0.63630 = 0.90203
Rate A-1 Residential Multi-Family	10.50	0.26573	+	0.63630 = 0.90203
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26573	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.25740	+	6.3630 = 8.6204
General Service - Rate GS-2	18.20	2.05270	+	6.3630 = 8.4157
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.11630	+	6.3630 = 7.4793
General Service - Rate GS-3 (>100,000 Year)	541.00	1.01440	+	6.3630 = 7.3774
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	0.9933		per contract
ST Optional Maximum Rate		1.6446		per contract
ST Optional Minimum Rate		0.3420		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8914		per contract
ST Optional Maximum Rate		1.5427		per contract
ST Optional Minimum Rate		0.2401		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6864		per contract
LT Optional Maximum Rate		1.0308		per contract
LT Optional Minimum Rate		0.3420		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5845		per contract
LT Optional Maximum Rate		0.9289		per contract
LT Optional Minimum Rate		0.2401		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5668		per contract
XLT Optional Maximum Rate		0.8716		per contract
XLT Optional Minimum Rate		0.2620		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4649		per contract
XLT Optional Maximum Rate		0.7697		per contract
XLT Optional Minimum Rate		0.1601		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

May, 1 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.58900 = 0.87106
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.58900 = 0.79751
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.58900 = 0.86082
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.58900 = 0.87106
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.8900 = 8.6782
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.8900 = 7.9400
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.8900 = 7.8268
Rate S	200.00	1.8049	+	5.8900 = 7.6949
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

May, 1 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.65800	+ 0.04200	= 0.70000	)=	0.87536
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.65800	+ 0.04200	= 0.70000	)=	0.83478
Meter Class II	33.00	0.13478	+(0.65800	+ 0.04200	= 0.70000	)=	0.83478
Meter Class III	88.00	0.12178	+(0.65800	+ 0.04200	= 0.70000	)=	0.82178
Meter Class IV	143.00	0.12178	+(0.65800	+ 0.04200	= 0.70000	)=	0.82178
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Large General Service	498.76	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940
GasLight Rate-Commercial	7.77	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

May, 1 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19120	+(0.47085	+ 0.08029	= 0.55114	)=	0.74234
Customer Choice-Residential alternative suppliers	11.50		0.19120	+ From Others per contract	+ Balancing and Demand Charge 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.91		1.8203	+(4.70850	+ 0.8029	+ 5.5114	)=	7.33170
General Service (GS-2)	48.26		1.3932	+(4.70850	+ 0.8029	+ 5.5114	)=	6.90460
General Service (GS-3)	172.23		1.0985	+(4.70850	+ 0.8029	+ 5.5114	)=	6.60990
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ Balancing and Demand Charge 0.80290			
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
Transportation	(\$/month)		(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		\$/Dth
TR-1	376.84		75.00	per contract	0.9068	0.7568		0.0344
TR-2	1679.70		75.00	per contract	0.6279	0.4779		0.0344
TR-3	7603.58		75.00	per contract	0.4031	0.2531		0.0344
Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

May, 1 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.47236	= 0.57390
Seasonal	10.00	0.10154	+ 0.47236	= 0.57390
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 4.7236	= 5.5750
Small Seasonal	19.44	0.8514	+ 4.7236	= 5.5750
Large	97.64	0.6214	+ 4.7236	= 5.3450
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.6703	1.0503
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	6.7030	9.9030
Large	188.00	1.7500	6.7030	8.4530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.53148	= 0.66598
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.3148	= 6.1598
Firm (304?)	482.79	0.8450	+ 5.3148	= 6.1598
Interruptible	126.39	0.3300	+ 5.3148	= 5.6448
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.3474	6.4545	/Mcf U-16485
Michigan Consolidated Gas Co	<i>Decreased</i>	5.8000	5.8900	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Increased</i>	7.0000	7.0891	/Mcf U-16481
Presque Isle E. & G. Coop.	<i>Decreased</i>	6.7030	6.7030	/Mcf U-16487
SEMCO Energy Gas Co	<i>Increased</i>	4.9000	5.5114	/Dth U-16483
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.1001	6.2041	/Dth U-16390
Xcel Energy	<i>Increased</i>	5.3148	5.5390	/Dth U-16486

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.9264	6.7877	6.4338	6.3474		/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934			/Mcf
-U-16485 - As Filed or as Ordered				6.4545		/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	6.2300	6.3900	5.9200	5.8000		/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600	7.0600			/Mcf
-U-16482 - As Filed or as Ordered				5.8900		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.4350	7.0000	6.0000	7.0000		/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350			/Mcf
-U-16481 - As Filed or as Ordered				7.0891		
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140	7.9140	6.7030		/Mcf
-U-16151 - As Filed or as Ordered	7.9140	7.9140	7.9140			/Mcf
-U-16487 - As Filed or as Ordered				6.7030		
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.0000	4.5200	4.5000	4.9000		/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713			/Dth
-U-16483 - As Filed or as Ordered				5.5114		
MPSC Division						
- As Currently Billed	5.4481	5.3100	5.1000	4.9000		/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751			/Dth
-U-16483 - As Filed or as Ordered				5.5114		
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.6202	5.4630	5.5512	5.1001		/Dth
-U-16390 - As Filed or as Ordered	6.2041	6.2041	6.2041	6.2041		/Dth
Xcel Energy						
- As Currently Billed	4.9753	4.9753	4.9753	5.3148		/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270			/Dth
-U-16486 - As Filed or as Ordered				5.5390		

GAS COST RECOVERY FACTOR HISTORY

April, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16485 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-16482 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16481 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16487 - As Filed or as Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-16483 - As Filed or as Ordered						
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16390 - As Filed or as Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-16486 - As Filed or as Ordered						/Dth
* Rates set by local government regulation, not by MPSC.						

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.26573	+ 0.63474	= 0.90047	\$100.55	28%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.58000	= 0.86206	\$96.71	23%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.70000	= 0.87536	\$98.54	25%
Presque Isle E. & G. Coop.	11.00	0.3800	0.6703	1.05030	\$116.03	47%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19120	+ 0.49000	= 0.68120	\$79.62	1%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Wisconsin Public Service Corp	5.00	0.10154	+ 0.51001	= 0.61155	\$66.16	-16%
Xcel Energy	6.50	0.13450	+ 0.53148	= 0.66598	\$73.10	-7%
AVERAGE RATE	8.25	0.19130	0.51457	0.70587	\$78.84	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26573	+	0.63474 = 0.90047
Rate A-1 Residential Multi-Family	10.50	0.26573	+	0.63474 = 0.90047
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26573	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.25740	+	6.3474 = 8.6048
General Service - Rate GS-2	18.20	2.05270	+	6.3474 = 8.4001
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.11630	+	6.3474 = 7.4637
General Service - Rate GS-3 (>100,000 Year)	541.00	1.01440	+	6.3474 = 7.3618
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	0.9933		per contract
ST Optional Maximum Rate		1.6446		per contract
ST Optional Minimum Rate		0.3420		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8914		per contract
ST Optional Maximum Rate		1.5427		per contract
ST Optional Minimum Rate		0.2401		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6864		per contract
LT Optional Maximum Rate		1.0308		per contract
LT Optional Minimum Rate		0.3420		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5845		per contract
LT Optional Maximum Rate		0.9289		per contract
LT Optional Minimum Rate		0.2401		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5668		per contract
XLT Optional Maximum Rate		0.8716		per contract
XLT Optional Minimum Rate		0.2620		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4649		per contract
XLT Optional Maximum Rate		0.7697		per contract
XLT Optional Minimum Rate		0.1601		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

April 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.58000 = 0.86206
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.58000 = 0.78851
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.58000 = 0.85182
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.58000 = 0.86206
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.8000 = 8.5882
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.8000 = 7.8500
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.8000 = 7.7368
Rate S	200.00	1.8049	+	5.8000 = 7.6049
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

April 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.65800	+ 0.04200	= 0.70000	)=	0.87536
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.65800	+ 0.04200	= 0.70000	)=	0.83478
Meter Class II	33.00	0.13478	+(0.65800	+ 0.04200	= 0.70000	)=	0.83478
Meter Class III	88.00	0.12178	+(0.65800	+ 0.04200	= 0.70000	)=	0.82178
Meter Class IV	143.00	0.12178	+(0.65800	+ 0.04200	= 0.70000	)=	0.82178
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Large General Service	498.76	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940
GasLight Rate-Commercial	7.77	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

April 1, 2011

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
Residential Service	11.50		0.19120	+(0.40971	+ 0.08029	= 0.49000	)=	0.68120
Customer Choice-Residential alternative suppliers	11.50		0.19120	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.08029			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing and Demand Charge	GCR Factor		
General Service (GS-1)	13.91		1.8203	+(4.09710	+ 0.8029	+ 4.9000	)=	6.72030
General Service (GS-2)	48.26		1.3932	+(4.09710	+ 0.8029	+ 4.9000	)=	6.29320
General Service (GS-3)	172.23		1.0985	+(4.09710	+ 0.8029	+ 4.9000	)=	5.99850
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others	Balancing and Demand Charge			
				+ per contract	+ 0.80290			
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge	
Transportation	(\$/month)		(\$/month)		(Nov - Mar)	(Apr - Oct)		
					\$/Dth	\$/Dth		\$/Dth
TR-1	376.84		75.00	per contract	0.9068	0.7568		0.0344
TR-2	1679.70		75.00	per contract	0.6279	0.4779		0.0344
TR-3	7603.58		75.00	per contract	0.4031	0.2531		0.0344
Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293								
Rates at semcoenergy.com								
Customer Attachment Program surcharges are in addition to rates above								
Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

April 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.51001	= 0.61155
Seasonal	10.00	0.10154	+ 0.51001	= 0.61155
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 5.1001	= 5.9515
Small Seasonal	19.44	0.8514	+ 5.1001	= 5.9515
Large	97.64	0.6214	+ 5.1001	= 5.7215
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.6703	1.0503
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	6.7030	9.9030
Large	188.00	1.7500	6.7030	8.4530

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.53148	= 0.66598
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.3148	= 6.1598
Firm (304?)	482.79	0.8450	+ 5.3148	= 6.1598
Interruptible	126.39	0.3300	+ 5.3148	= 5.6448
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.4338	6.9934 /Mcf	U-16149
Michigan Consolidated Gas Co	<i>Decreased</i>	5.9200	7.0600 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Decreased</i>	6.0000	7.4350 /Mcf	U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140 /Mcf	U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	4.5000	6.3713 /Dth	U-16148
SEMCO-MPSC Div.	<i>Decreased</i>	5.1000	6.5751 /Dth	U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.5512	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	4.9753	6.4270 /Dth	U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	6.9264	6.7877	6.4338			/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934			/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	6.2300	6.3900	5.9200			/Mcf
-U-16146 - As Filed or As Ordered	7.0600	7.0600	7.0600			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.4350	7.0000	6.0000			/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350	7.4350			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140	7.9140			/Mcf
-U-16151-As Filed or As Ordered	7.9140	7.9140	7.9140			/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.0000	4.5200	4.5000			/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713			/Dth
MPSC Division						
- As Currently Billed	5.4481	5.3100	5.1000			/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751	6.5751			/Dth
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.6202	5.4630	5.5512			/Dth
-U-16010 - As Filed or as Ordered	6.2041	6.2041	6.2041			/Dth
Xcel Energy						
- As Currently Billed	4.9753	4.9753	4.9753			/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16149 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-16146 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16145 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16151-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-16148 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Dth
-U-16147 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16390 - As Filed or As Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-16150 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.26573	+ 0.64338	= 0.90911	\$101.41	14%
Michigan Consolidated Gas Co	10.50	0.28206	+ 0.59200	= 0.87406	\$97.91	10%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.60000	= 0.77536	\$88.54	-1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	44%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19120	+ 0.51000	= 0.70120	\$81.62	-8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	11.50	0.19120	+ 0.45000	= 0.64120	\$75.62	-15%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.55512	= 0.65666	\$70.67	-21%
Xcel Energy	6.50	0.13450	+ 0.49753	= 0.63203	\$69.70	-22%
AVERAGE RATE	9.69	0.21520	0.57993	0.79513	\$89.20	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2011

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
*including Surcharges (Note 2)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Rate A	10.50	0.26573	+	0.64338	= 0.90911
Rate A-1 Residential Multi-Family	10.50	0.26573	+	0.64338	= 0.90911
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.26573	+	per contract	
* including EO Surcharge (Note 2)					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
General Service - Rate GS-1	11.65	2.25740	+	6.4338	= 8.6912
General Service - Rate GS-2	18.20	2.05270	+	6.4338	= 8.4865
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.11630	+	6.4338	= 7.5501
General Service - Rate GS-3 (>100,000 Year)	541.00	1.01440	+	6.4338	= 7.4482
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	0.9933		per contract	
ST Optional Maximum Rate		1.6446		per contract	
ST Optional Minimum Rate		0.3420		per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8914		per contract	
ST Optional Maximum Rate		1.5427		per contract	
ST Optional Minimum Rate		0.2401		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6864		per contract	
LT Optional Maximum Rate		1.0308		per contract	
LT Optional Minimum Rate		0.3420		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5845		per contract	
LT Optional Maximum Rate		0.9289		per contract	
LT Optional Minimum Rate		0.2401		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5668		per contract	
XLT Optional Maximum Rate		0.8716		per contract	
XLT Optional Minimum Rate		0.2620		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4649		per contract	
XLT Optional Maximum Rate		0.7697		per contract	
XLT Optional Minimum Rate		0.1601		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

March 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28206	+	0.59200 = 0.87406
Residential Multi Family Rate 2A Class 1	10.50	0.20851	+	0.59200 = 0.80051
Residential Multi Family Rate 2A Class 2	25.00	0.27182	+	0.59200 = 0.86382
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28206	+	0.59200 = 0.87406
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7882	+	5.9200 = 8.7082
Rate GS-2 (<100,000 Mcf)	590.00	2.0500	+	5.9200 = 7.9700
Rate GS-2 (>100,000 Mcf)	590.00	1.9368	+	5.9200 = 7.8568
Rate S	200.00	1.8049	+	5.9200 = 7.7249
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8122		per contract
<i>Maximum (optional)</i>	2030.00	1.3415		per contract
<i>Minimum (optional)</i>	2030.00	0.2829		per contract
Rate LT (cost based rate)	3660.00	0.5910		per contract
<i>Maximum (optional)</i>	3660.00	0.9248		per contract
<i>Minimum (optional)</i>	3660.00	0.2572		per contract
Rate XLT (cost based rate)	6985.00	0.5332		per contract
<i>Maximum (optional)</i>	6985.00	0.8583		per contract
<i>Minimum (optional)</i>	6985.00	0.2081		per contract
Rate XXL (cost based rate)	120000.00	0.1840		per contract
<i>Maximum (optional)</i>	120000.00	0.2899		per contract
<i>Minimum (optional)</i>	120000.00	0.0781		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

March 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.55800	+ 0.04200	= 0.60000	)=	0.77536
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.55800	+ 0.04200	= 0.60000	)=	0.73478
Meter Class II	33.00	0.13478	+(0.55800	+ 0.04200	= 0.60000	)=	0.73478
Meter Class III	88.00	0.12178	+(0.55800	+ 0.04200	= 0.60000	)=	0.72178
Meter Class IV	143.00	0.12178	+(0.55800	+ 0.04200	= 0.60000	)=	0.72178
Gas Light Rate-Residential	0.00	0.15987	+(0.55800	+ 0.04200	= 0.60000	)=	0.75987
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(5.5800	+ 0.4200	= 6.0000	)=	7.18760
Large General Service	498.76	1.00940	+(5.5800	+ 0.4200	= 6.0000	)=	7.00940
GasLight Rate-Commercial	7.77	1.18760	+(5.5800	+ 0.4200	= 6.0000	)=	7.18760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

March 1, 2011

SEMCO MPSC Division

SEMOG MP-GS Division

	Customer Charge		Distribution Charge					Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	11.50		0.19120	+(0.43306	+ 0.02500	+ 0.05194	= 0.51000	)= 0.70120
Customer Choice-Residential alternative suppliers	11.50		0.19120	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
				+ per contract	+ 0.02500	+ 0.05194		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	13.91		1.8203	+(4.33060	+ 0.2500	+ 0.5194	+ 5.1000	)= 6.92030
General Service (GS-2)	48.26		1.3932	+(4.33060	+ 0.2500	+ 0.5194	+ 5.1000	)= 6.49320
General Service (GS-3)	172.23		1.0985	+(4.33060	+ 0.2500	+ 0.5194	+ 5.1000	)= 6.19850
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
				+ per contract	+ 0.25000	+ 0.51940		
Transportation	Customer Charge (\$/month)		Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	376.84		75.00	per contract	0.9068	0.7568	0.0344	
TR-2	1679.70		75.00	per contract	0.6279	0.4779	0.0344	
TR-3	7603.58		75.00	per contract	0.4031	0.2531	0.0344	

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)			(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.50	0	0.19120	+ 0.36593	+ 0.02500	+ 0.05907	= 0.45000	= 0.64120
Customer Choice alternate suppliers	11.50	0	0.19120	From Others	+ 0.02500	+ 0.05907	+	
				+ per contract				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	13.91	0	1.8203	+ 3.6593	+ 0.2500	+ 0.59070	+ 4.50000	= 6.3203
General Service (GS-2)	48.26	0	1.3932	+ 3.6593	+ 0.2500	+ 0.59070	+ 4.50000	= 5.8932
General Service (GS-3)	172.23	0	1.0985	+ 3.6593	+ 0.2500	+ 0.59070	+ 4.50000	= 5.5985
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	172.23	0.00	75.00	1.0985				
TR-1	376.84		75.00		0.9068	0.7568		
TR-2	1679.70		75.00		0.6279	0.4779		
TR-3	7603.58		75.00		0.4031	0.2531		

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.55512	= 0.65666
Seasonal	10.00	0.10154	+ 0.55512	= 0.65666
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 5.5512	= 6.4026
Small Seasonal	19.44	0.8514	+ 5.5512	= 6.4026
Large	97.64	0.6214	+ 5.5512	= 6.1726
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.49753	= 0.63203
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.9753	= 5.8203
Firm (304?)	482.79	0.8450	+ 4.9753	= 5.8203
Interruptible	126.39	0.3300	+ 4.9753	= 5.3053
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.7877	6.9934 /Mcf	U-16149
Michigan Consolidated Gas Co	<i>Increased</i>	6.3900	7.0600 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Decreased</i>	7.0000	7.4350 /Mcf	U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140 /Mcf	U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	4.5200	6.3713 /Dth	U-16148
SEMCO-MPSC Div.	<i>Decreased</i>	5.3100	6.5751 /Dth	U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.4630	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	4.9753	6.4270 /Dth	U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	6.9264	6.7877				/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934				/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	6.2300	6.3900				/Mcf
-U-16146 - As Filed or As Ordered	7.0600	7.0600				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.4350	7.0000				/Mcf
-U-16145 - As Filed or as Ordered	7.4350	7.4350				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140				/Mcf
-U-16151-As Filed or As Ordered	7.9140	7.9140				/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.0000	4.5200				/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713				/Dth
MPSC Division						
- As Currently Billed	5.4481	5.3100				/Dth
-U-16147 - As Filed or as Ordered	6.5751	6.5751				/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.6202	5.4630				/Dth
-U-16010 - As Filed or as Ordered	6.2041	6.2041				/Dth
Xcel Energy						
- As Currently Billed	4.9753	4.9753				/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11 \$/unit	Aug-11 \$/unit	Sep-11 \$/unit	Oct-11 \$/unit	Nov-11 \$/unit	Dec-11 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16149 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-16146 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16145 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16151-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-16148 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Dth
-U-16147 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16390 - As Filed or As Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-16150 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.26573	+ 0.67877	= 0.94450	\$104.95	15%
Michigan Consolidated Gas Co	10.50	0.22133	+ 0.63900	= 0.86033	\$96.53	6%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.70000	= 0.87536	\$98.54	8%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	41%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19120	+ 0.53100	= 0.72220	\$83.72	-8%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	11.50	0.19120	+ 0.45200	= 0.64320	\$75.82	-17%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.54630	= 0.64784	\$69.78	-23%
Xcel Energy	6.50	0.13450	+ 0.49753	= 0.63203	\$69.70	-23%
AVERAGE RATE	9.69	0.20761	0.60450	0.81211	\$90.90	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26573	+	0.67877 = 0.94450
Rate A-1 Residential Multi-Family	10.50	0.26573	+	0.67877 = 0.94450
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26573	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.25740	+	6.7877 = 9.0451
General Service - Rate GS-2	18.20	2.05270	+	6.7877 = 8.8404
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.11630	+	6.7877 = 7.9040
General Service - Rate GS-3 (>100,000 Year)	541.00	1.01440	+	6.7877 = 7.8021
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	0.9933		per contract
ST Optional Maximum Rate		1.6446		per contract
ST Optional Minimum Rate		0.3420		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8914		per contract
ST Optional Maximum Rate		1.5427		per contract
ST Optional Minimum Rate		0.2401		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.6864		per contract
LT Optional Maximum Rate		1.0308		per contract
LT Optional Minimum Rate		0.3420		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5845		per contract
LT Optional Maximum Rate		0.9289		per contract
LT Optional Minimum Rate		0.2401		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.5668		per contract
XLT Optional Maximum Rate		0.8716		per contract
XLT Optional Minimum Rate		0.2620		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4649		per contract
XLT Optional Maximum Rate		0.7697		per contract
XLT Optional Minimum Rate		0.1601		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

February 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1), EO surcharges (Note 3), and SI Recon (Note 4)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.22133	+	0.63900 = 0.86033
Residential Multi Family Rate 2A Class 1	10.50	0.20830	+	0.63900 = 0.84730
Residential Multi Family Rate 2A Class 2	25.00	0.27161	+	0.63900 = 0.91061
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28130	+	0.63900 = 0.92030
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.5417	+	6.3900 = 8.9317
Rate GS-2 (<100,000 Mcf)	590.00	1.2033	+	6.3900 = 7.5933
Rate GS-2 (>100,000 Mcf)	590.00	1.0918	+	6.3900 = 7.4818
Rate S	200.00	-4.1068	+	6.3900 = 2.2832
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	2030.00	-0.3660		per contract
<i>Maximum (optional)</i>	2030.00	0.1633		per contract
<i>Minimum (optional)</i>	2030.00	-0.8953		per contract
Rate LT (cost based rate)	3660.00	0.0238		per contract
<i>Maximum (optional)</i>	3660.00	0.3576		per contract
<i>Minimum (optional)</i>	3660.00	-0.3100		per contract
Rate XLT (cost based rate)	6985.00	0.0288		per contract
<i>Maximum (optional)</i>	6985.00	0.3539		per contract
<i>Minimum (optional)</i>	6985.00	-0.2963		per contract
Rate XXLT (cost based rate)	120000.00	0.1836		per contract
<i>Maximum (optional)</i>	120000.00	0.2895		per contract
<i>Minimum (optional)</i>	120000.00	0.0777		per contract
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

Note 3: Effective February, 2011, customers will receive a Self-Implementation refund pursuant to U-16447

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

February 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.65800	+ 0.04200	= 0.70000	)=	0.87536
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.65800	+ 0.04200	= 0.70000	)=	0.83478
Meter Class II	33.00	0.13478	+(0.65800	+ 0.04200	= 0.70000	)=	0.83478
Meter Class III	88.00	0.12178	+(0.65800	+ 0.04200	= 0.70000	)=	0.82178
Meter Class IV	143.00	0.12178	+(0.65800	+ 0.04200	= 0.70000	)=	0.82178
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Large General Service	498.76	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940
GasLight Rate-Commercial	7.77	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

February 1, 2011

SEMCO MPSC Division

Customer Charge			Distribution Charge			Total Charge		
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	11.50	0.19120	+(0.45406	+ 0.02500	+ 0.05194	= 0.53100	)= 0.72220	
Customer Choice-Residential alternative suppliers	11.50	0.19120	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.05194			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	13.91	1.8203	+(4.54060	+ 0.2500	+ 0.5194	+ 5.3100	)= 7.13030	
General Service (GS-2)	48.26	1.3932	+(4.54060	+ 0.2500	+ 0.5194	+ 5.3100	)= 6.70320	
General Service (GS-3)	172.23	1.0985	+(4.54060	+ 0.2500	+ 0.5194	+ 5.3100	)= 6.40850	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.51940			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	376.84	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1679.70	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7603.58	75.00	per contract	0.4031	0.2531	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.50	0	0.19120	+ 0.36793	+ 0.02500	+ 0.05907	= 0.45200	= 0.64320
Customer Choice alternate suppliers	11.50	0	0.19120	From Others	+ 0.02500	+ 0.05907	+	
				+ per contract				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	13.91	0	1.8203	+ 3.6793	+ 0.2500	+ 0.59070	+ 4.52000	= 6.3403
General Service (GS-2)	48.26	0	1.3932	+ 3.6793	+ 0.2500	+ 0.59070	+ 4.52000	= 5.9132
General Service (GS-3)	172.23	0	1.0985	+ 3.6793	+ 0.2500	+ 0.59070	+ 4.52000	= 5.6185
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	172.23	0.00	75.00	1.0985				
TR-1	376.84		75.00		0.9068	0.7568		
TR-2	1679.70		75.00		0.6279	0.4779		
TR-3	7603.58		75.00		0.4031	0.2531		

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10154 +	0.54630 =	0.64784
Seasonal	10.00	0.10154 +	0.54630 =	0.64784
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.72	0.8514 +	5.4630 =	6.3144
Small Seasonal	19.44	0.8514 +	5.4630 =	6.3144
Large	97.64	0.6214 +	5.4630 =	6.0844
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 +	0.49753 =	0.63203
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 +	4.9753 =	5.8203
Firm (304?)	482.79	0.8450 +	4.9753 =	5.8203
Interruptible	126.39	0.3300 +	4.9753 =	5.3053
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January 1, 2011

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.9264	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	<i>Same</i>	6.2300	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.4350	7.4350	/Mcf U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	5.0000	6.3713	/Dth U-16148
SEMCO-MPSC Div.	<i>Same</i>	5.4481	6.5751	/Dth U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.6202	6.2041	/Dth U-16390
Xcel Energy	<i>Decreased</i>	4.9753	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	6.9264					/Mcf
-U-16149 - As Filed or as Ordered	6.9934					/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	6.2300					/Mcf
-U-16146 - As Filed or As Ordered	7.0600					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.4350					/Mcf
-U-16145 - As Filed or as Ordered	7.4350					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140					/Mcf
-U-16151-As Filed or As Ordered	7.9140					/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.0000					/Dth
-U-16148 - As Filed or as Ordered	6.3713					/Dth
MPSC Division						
- As Currently Billed	5.4481					/Dth
-U-16147 - As Filed or as Ordered	6.5751					/Dth
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.6202					/Dth
-U-16010 - As Filed or as Ordered	6.2041					/Dth
Xcel Energy						
- As Currently Billed	4.9753					/Dth
-U-16150 - As Filed or as Ordered	6.4270					/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2011

*Calendar Year of GCR Factors*PDF files available: [2010](#) [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#)

	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-16149 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-16146 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-16145 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-16151-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-16148 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Dth
-U-16147 - As Filed or as Ordered						/Dth
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-16390 - As Filed or As Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-16150 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January 1, 2011

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.23946	+ 0.69264	= 0.93210	\$103.71	12%
Michigan Consolidated Gas Co	10.50	0.28130	+ 0.62300	= 0.90430	\$100.93	9%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.74350	= 0.91886	\$102.89	11%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	38%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	11.50	0.19120	+ 0.54481	= 0.73601	\$85.10	-8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	11.50	0.19120	+ 0.50000	= 0.69120	\$80.62	-13%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.56202	= 0.66356	\$71.36	-23%
Xcel Energy	6.50	0.13450	+ 0.49753	= 0.63203	\$69.70	-25%
AVERAGE RATE	9.69	0.21182	0.61936	0.83118	\$92.81	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2011

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
including Surcharges (Notes 2 & 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.23946	+	0.69264 = 0.93210
Rate A-1 Residential Multi-Family	10.50	0.26573	+	0.69264 = 0.95837
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.23946	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	1.92960	+	6.9264 = 8.8560
General Service - Rate GS-2	18.20	1.86340	+	6.9264 = 8.7898
General Service - Rate GS-3 (0-100,000 Year)	541.00	0.90850	+	6.9264 = 7.8349
General Service - Rate GS-3 (>100,000 Year)	541.00	0.80660	+	6.9264 = 7.7330
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	0.7475		per contract
ST Optional Maximum Rate		1.3988		per contract
ST Optional Minimum Rate		0.0962		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.6456		per contract
ST Optional Maximum Rate		1.2969		per contract
ST Optional Minimum Rate		-0.0057		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.5566		per contract
LT Optional Maximum Rate		0.9010		per contract
LT Optional Minimum Rate		0.2122		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.4547		per contract
LT Optional Maximum Rate		0.7991		per contract
LT Optional Minimum Rate		0.1103		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.4570		per contract
XLT Optional Maximum Rate		0.7618		per contract
XLT Optional Minimum Rate		0.1522		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.3551		per contract
XLT Optional Maximum Rate		0.6599		per contract
XLT Optional Minimum Rate		0.0503		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective for the January 2011 billing month Customers will receive an Interim Rate Increase Refund pursuant to U-16441

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January 1, 2011

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28130	+ 0.62300	= 0.90430
Residential Multi Family Rate 2A Class 1	10.50	0.20830	+ 0.62300	= 0.83130
Residential Multi Family Rate 2A Class 2	25.00	0.27161	+ 0.62300	= 0.89461
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28130	+ 0.62300	= 0.90430
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.7861	+ 6.2300	= 9.0161
Rate GS-2 (<100,000 Mcf)	590.00	2.0479	+ 6.2300	= 8.2779
Rate GS-2 (>100,000 Mcf)	590.00	1.9364	+ 6.2300	= 8.1664
Rate S	200.00	1.8028	+ 6.2300	= 8.0328
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8118	per contract	
<i>Maximum (optional)</i>	2030.00	1.3411	per contract	
<i>Minimum (optional)</i>	2030.00	0.2825	per contract	
Rate LT (cost based rate)	3660.00	0.5906	per contract	
<i>Maximum (optional)</i>	3660.00	0.9244	per contract	
<i>Minimum (optional)</i>	3660.00	0.2568	per contract	
Rate XLT (cost based rate)	6985.00	0.5328	per contract	
<i>Maximum (optional)</i>	6985.00	0.8579	per contract	
<i>Minimum (optional)</i>	6985.00	0.2077	per contract	
Rate XXL (cost based rate)	120000.00	0.1836	per contract	
<i>Maximum (optional)</i>	120000.00	0.2895	per contract	
<i>Minimum (optional)</i>	120000.00	0.0777	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2009 UETM effective for 12 months of service rendered, commencing on January 1, 2011.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

January 1, 2011

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.70150	+ 0.04200	= 0.74350	)=	0.91886
Residential Multi-Family							
<i>Meter Class I</i>	11.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
<i>Meter Class II</i>	33.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
<i>Meter Class III</i>	88.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
<i>Meter Class IV</i>	143.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Gas Light Rate-Residential	0.00	0.15987	+(0.70150	+ 0.04200	= 0.74350	)=	0.90337
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Large General Service	498.76	1.00940	+(7.0150	+ 0.4200	= 7.4350	)=	8.44440
GasLight Rate-Commercial	7.77	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
<i>EO Surcharge</i>	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651				
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
<i>EO Surcharge</i>	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January 1, 2011

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Therm metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	11.50	0.19120	+(0.46787	+ 0.02500	+ 0.05194	= 0.54481	)= 0.73601	
Customer Choice-Residential alternative suppliers	11.50	0.19120	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.05194			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Dth metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	13.91	1.8203	+(4.67870	+ 0.2500	+ 0.5194	+ 5.4481	)= 7.26840	
General Service (GS-2)	48.26	1.3932	+(4.67870	+ 0.2500	+ 0.5194	+ 5.4481	)= 6.84130	
General Service (GS-3)	172.23	1.0985	+(4.67870	+ 0.2500	+ 0.5194	+ 5.4481	)= 6.54660	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.51940			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	376.84	75.00	per contract	0.9068	0.7568	0.0344		
TR-2	1679.70	75.00	per contract	0.6279	0.4779	0.0344		
TR-3	7603.58	75.00	per contract	0.4031	0.2531	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.50	0	0.19120	+ 0.41593	+ 0.02500	+ 0.05907	= 0.50000	= 0.69120
Customer Choice				From Others				
alternate suppliers	11.50	0	0.19120	+ per contract	+ 0.02500	+ 0.05907	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	13.91	0	1.8203	+ 4.1593	+ 0.2500	+ 0.59070	+ 5.00000	= 6.8203
General Service (GS-2)	48.26	0	1.3932	+ 4.1593	+ 0.2500	+ 0.59070	+ 5.00000	= 6.3932
General Service (GS-3)	172.23	0	1.0985	+ 4.1593	+ 0.2500	+ 0.59070	+ 5.00000	= 6.0985
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	172.23	0.00	75.00	1.0985				
TR-1	376.84		75.00		0.9068	0.7568		
TR-2	1679.70		75.00		0.6279	0.4779		
TR-3	7603.58		75.00		0.4031	0.2531		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2011

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.56202	= 0.66356
Seasonal	10.00	0.10154	+ 0.56202	= 0.66356
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 5.6202	= 6.4716
Small Seasonal	19.44	0.8514	+ 5.6202	= 6.4716
Large	97.64	0.6214	+ 5.6202	= 6.2416
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.49753	= 0.63203
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 4.9753	= 5.8203
Firm (304?)	482.79	0.8450	+ 4.9753	= 5.8203
Interruptible	126.39	0.3300	+ 4.9753	= 5.3053
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more detailsRate Information at xcelenergy.com

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.9113	6.9934 /Mcf	U-16149
Michigan Consolidated Gas Co	<i>Same</i>	6.2300	7.0600 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.4350	7.4350 /Mcf	U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140 /Mcf	U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	5.2500	6.3713 /Dth	U-16148
SEMCO-MPSC Div.	<i>Decreased</i>	5.5000	6.6377 /Mcf	U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.2948	6.2041 /Dth	U-16390
Xcel Energy	<i>Same</i>	5.1689	6.4270 /Dth	U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2010

Calendar Year of GCR Factors

PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10 \$/unit	Aug-10 \$/unit	Sep-10 \$/unit	Oct-10 \$/unit	Nov-10 \$/unit	Dec-10 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	6.9934	6.9934	6.9934	6.9934	6.9346	6.9113	/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934	6.9934	6.9934	6.9934	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	6.8500	6.8500	6.8500	6.5500	6.2300	6.2300	/Mcf
-U-16146 - As Filed or As Ordered	7.0600	7.0600	7.0600	7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0492	7.0492	7.0492	7.4350	7.4350	7.4350	/Mcf
-U-16145 - As Filed or as Ordered	7.0492	7.0492	7.0492	7.4350	7.4350	7.4350	/Mcf
Presque Isle E. & G. Coop.							
- As Currently Billed	7.9140	7.9140	7.9140	7.9140	7.9140	7.9140	/Mcf
-U-16151-As Filed or As Ordered	7.9140	7.9140	7.9140	7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	6.2000	6.2000	6.2000	6.2000	5.7500	5.2500	/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713	6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	6.2000	6.2000	6.2000	6.2000	5.7500	5.5000	/Mcf
-U-16147 - As Filed or as Ordered	6.6377	6.6377	6.6377	6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2423	6.2451	6.2481	6.2481	5.4770	5.2948	/Dth
-U-16010 - As Filed or as Ordered	6.2481	6.2481	6.2481	6.2481			/Dth
-U-16390 - As Filed or As Ordered					6.2041	6.2041	
Xcel Energy							
- As Currently Billed	5.8786	5.8786	5.8786	5.1689	5.1689	5.1689	/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270	6.4270	6.4270	6.4270	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.26011	+ 0.69113	= 0.95124	\$105.62	14%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.62300	= 0.90974	\$101.47	9%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.74350	= 0.91886	\$102.89	11%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	38%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17595	+ 0.55000	= 0.72595	\$82.60	-11%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.18167	+ 0.52500	= 0.70667	\$82.91	-11%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.52948	= 0.63102	\$68.10	-27%
Xcel Energy	6.50	0.13450	+ 0.51689	= 0.65139	\$71.64	-23%
AVERAGE RATE	9.59	0.21198	0.62130	0.83328	\$92.92	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26011	+	0.69113 = 0.95124
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.69113 = 0.95124
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26011	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.30420	+	6.9113 = 9.2155
General Service - Rate GS-2	18.20	2.09950	+	6.9113 = 9.0108
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.9113 = 8.0744
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.9113 = 7.9209
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract
ST Optional Maximum Rate		1.6914		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract
ST Optional Maximum Rate		1.5379		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract
LT Optional Maximum Rate		1.0776		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract
LT Optional Maximum Rate		0.9241		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract
XLT Optional Maximum Rate		0.9184		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract
XLT Optional Maximum Rate		0.7649		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

December 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.62300	= 0.90974
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.62300	= 0.86261
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.62300	= 0.89824
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.62300	= 0.90974
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.2300	= 9.0626
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.2300	= 8.1913
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.2300	= 8.0798
Rate S	200.00	1.8440	+ 6.2300	= 8.0740
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXL (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

December 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.70150	+ 0.04200	= 0.74350	)=	0.91886
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
Meter Class II	33.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
Meter Class III	88.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Meter Class IV	143.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Gas Light Rate-Residential	0.00	0.15987	+(0.70150	+ 0.04200	= 0.74350	)=	0.90337
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Large General Service	498.76	1.00940	+(7.0150	+ 0.4200	= 7.4350	)=	8.44440
GasLight Rate-Commercial	7.77	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

December 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17595	+(0.47306	+ 0.02500	+ 0.05194	= 0.55000	)= 0.72595
Customer Choice-Residential alternative suppliers	10.00	0.17595	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.05194			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(4.73060	+ 0.2500	+ 0.5194	+ 5.5000	)= 7.24880
General Service (GS-2)	48.26	1.2813	+(4.73060	+ 0.2500	+ 0.5194	+ 5.5000	)= 6.78130
General Service (GS-3)	167.23	1.0062	+(4.73060	+ 0.2500	+ 0.5194	+ 5.5000	)= 6.50620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.51940			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	401.84	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1139.70	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3313.58	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.18167	+ 0.44093	+ 0.02500	+ 0.05907	= 0.52500	= 0.70667
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.18167	+ per contract	+ 0.02500	+ 0.05907	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 4.4093	+ 0.2500	+ 0.59070	+ 5.25000	= 7.3264
General Service (GS-2)	38.26	13.08	1.9497	+ 4.4093	+ 0.2500	+ 0.59070	+ 5.25000	= 7.1997
General Service (GS-3)	167.23	59.01	1.6225	+ 4.4093	+ 0.2500	+ 0.59070	+ 5.25000	= 6.8725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	167.23	59.01	75.00	1.6225				
TR-1	301.84		75.00		1.6251	1.4751		
TR-2	1489.70		75.00		1.3614	1.2114		
TR-3	4213.58		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service				
Year-Round	5.00	0.10154 +	0.52948 =	0.63102
Seasonal	10.00	0.10154 +	0.52948 =	0.63102
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm Comm. & Industrial				
Small	9.72	0.8514 +	5.2948 =	6.1462
Small Seasonal	19.44	0.8514 +	5.2948 =	6.1462
Large	97.64	0.6214 +	5.2948 =	5.9162
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales		From Utility		
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales		From Utility		
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales		From Utility		
Residential Service	6.50	0.13450 +	0.51689 =	0.65139
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales		From Utility		
Firm (302?)	19.02	0.8450 +	5.1689 =	6.0139
Firm (304?)	482.79	0.8450 +	5.1689 =	6.0139
Interruptible	126.39	0.3300 +	5.1689 =	5.4989
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.9346	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	<i>Decreased</i>	6.2300	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.4350	7.4350	/Mcf U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	5.7500	6.3713	/Dth U-16148
SEMCO-MPSC Div.	<i>Decreased</i>	5.7500	6.6377	/Mcf U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.4770	6.2041	/Dth U-16390
Xcel Energy	<i>Same</i>	5.1689	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2010

Calendar Year of GCR Factors

PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10 \$/unit	Aug-10 \$/unit	Sep-10 \$/unit	Oct-10 \$/unit	Nov-10 \$/unit	Dec-10 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	6.9934	6.9934	6.9934	6.9934	6.9346		/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934	6.9934	6.9934		/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	6.8500	6.8500	6.8500	6.5500	6.2300		/Mcf
-U-16146 - As Filed or As Ordered	7.0600	7.0600	7.0600	7.0600	7.0600		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0492	7.0492	7.0492	7.4350	7.4350		/Mcf
-U-16145 - As Filed or as Ordered	7.0492	7.0492	7.0492	7.4350	7.4350		/Mcf
Presque Isle E. & G. Coop.							
- As Currently Billed	7.9140	7.9140	7.9140	7.9140	7.9140		/Mcf
-U-16151-As Filed or As Ordered	7.9140	7.9140	7.9140	7.9140	7.9140		/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	6.2000	6.2000	6.2000	6.2000	5.7500		/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713	6.3713	6.3713		/Dth
MPSC Division							
- As Currently Billed	6.2000	6.2000	6.2000	6.2000	5.7500		/Mcf
-U-16147 - As Filed or as Ordered	6.6377	6.6377	6.6377	6.6377	6.6377		/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	6.2423	6.2451	6.2481	6.2481	5.4770		/Dth
-U-16010 - As Filed or as Ordered	6.2481	6.2481	6.2481	6.2481			/Dth
-U-16390 - As Filed or As Ordered					6.2041		
Xcel Energy							
- As Currently Billed	5.8786	5.8786	5.8786	5.1689	5.1689		/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270	6.4270	6.4270		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.26011	+ 0.69346	= 0.95357	\$105.86	12%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.62300	= 0.90974	\$101.47	8%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.74350	= 0.91886	\$102.89	9%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	36%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17595	+ 0.57500	= 0.75095	\$85.10	-10%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.18167	+ 0.57500	= 0.75667	\$87.91	-7%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.54770	= 0.64924	\$69.92	-26%
Xcel Energy	6.50	0.13450	+ 0.51689	= 0.65139	\$71.64	-24%
AVERAGE RATE	9.59	0.21198	0.63324	0.84523	\$94.12	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26011	+	0.69346 = 0.95357
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.69346 = 0.95357
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26011	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.30420	+	6.9346 = 9.2388
General Service - Rate GS-2	18.20	2.09950	+	6.9346 = 9.0341
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.9346 = 8.0977
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.9346 = 7.9442
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract
ST Optional Maximum Rate		1.6914		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract
ST Optional Maximum Rate		1.5379		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract
LT Optional Maximum Rate		1.0776		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract
LT Optional Maximum Rate		0.9241		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract
XLT Optional Maximum Rate		0.9184		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract
XLT Optional Maximum Rate		0.7649		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.62300	= 0.90974
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.62300	= 0.86261
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.62300	= 0.89824
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.62300	= 0.90974
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.2300	= 9.0626
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.2300	= 8.1913
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.2300	= 8.0798
Rate S	200.00	1.8440	+ 6.2300	= 8.0740
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXL (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

November 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.70150	+ 0.04200	= 0.74350	)=	0.91886
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
Meter Class II	33.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
Meter Class III	88.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Meter Class IV	143.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Gas Light Rate-Residential	0.00	0.15987	+(0.70150	+ 0.04200	= 0.74350	)=	0.90337
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Large General Service	498.76	1.00940	+(7.0150	+ 0.4200	= 7.4350	)=	8.44440
GasLight Rate-Commercial	7.77	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

November 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17595	+(0.49806	+ 0.02500	+ 0.05194	= 0.57500	)= 0.75095	
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.17595	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.05194			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(4.98060	+ 0.2500	+ 0.5194	+ 5.7500	)= 7.49880	
General Service (GS-2)	48.26	1.2813	+(4.98060	+ 0.2500	+ 0.5194	+ 5.7500	)= 7.03130	
General Service (GS-3)	167.23	1.0062	+(4.98060	+ 0.2500	+ 0.5194	+ 5.7500	)= 6.75620	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.51940			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	401.84	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1139.70	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3313.58	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.18167	+ 0.49093	+ 0.02500	+ 0.05907	= 0.57500	= 0.75667
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.18167	+ per contract	+ 0.02500	+ 0.05907	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 4.9093	+ 0.2500	+ 0.59070	+ 5.75000	= 7.8264
General Service (GS-2)	38.26	13.08	1.9497	+ 4.9093	+ 0.2500	+ 0.59070	+ 5.75000	= 7.6997
General Service (GS-3)	167.23	59.01	1.6225	+ 4.9093	+ 0.2500	+ 0.59070	+ 5.75000	= 7.3725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	167.23	59.01	75.00	1.6225				
TR-1	301.84		75.00		1.6251	1.4751		
TR-2	1489.70		75.00		1.3614	1.2114		
TR-3	4213.58		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.54770	= 0.64924
Seasonal	10.00	0.10154	+ 0.54770	= 0.64924
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 5.4770	= 6.3284
Small Seasonal	19.44	0.8514	+ 5.4770	= 6.3284
Large	97.64	0.6214	+ 5.4770	= 6.0984
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.51689	= 0.65139
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.1689	= 6.0139
Firm (304?)	482.79	0.8450	+ 5.1689	= 6.0139
Interruptible	126.39	0.3300	+ 5.1689	= 5.4989
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	6.9934	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	<i>Decreased</i>	6.5500	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Increased</i>	7.4350	7.4350	/Mcf U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2000	6.3713	/Dth U-16148
SEMCO-MPSC Div.	<i>Same</i>	6.2000	6.6377	/Mcf U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Same</i>	6.2481	6.2481	/Dth U-16010
Xcel Energy	<i>Decreased</i>	5.1689	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2010

Calendar Year of GCR Factors

PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10 \$/unit	Aug-10 \$/unit	Sep-10 \$/unit	Oct-10 \$/unit	Nov-10 \$/unit	Dec-10 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.9934	6.9934	6.9934	6.9934		/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934	6.9934		/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	6.8500	6.8500	6.8500	6.5500		/Mcf
-U-16146 - As Filed or As Ordered	7.0600	7.0600	7.0600	7.0600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0492	7.0492	7.0492	7.4350		/Mcf
-U-16145 - As Filed or as Ordered	7.0492	7.0492	7.0492	7.4350		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140	7.9140	7.9140		/Mcf
-U-16151-As Filed or As Ordered	7.9140	7.9140	7.9140	7.9140		/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	6.2000	6.2000	6.2000	6.2000		/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713	6.3713		/Dth
MPSC Division						
- As Currently Billed	6.2000	6.2000	6.2000	6.2000		/Mcf
-U-16147 - As Filed or as Ordered	6.6377	6.6377	6.6377	6.6377		/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	6.2423	6.2451	6.2481	6.2481		/Dth
-U-16010 - As Filed or as Ordered	6.2481	6.2481	6.2481	6.2481		/Dth
Xcel Energy						
- As Currently Billed	5.8786	5.8786	5.8786	5.1689		/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270	6.4270		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.26011	+ 0.69934	= 0.95945	\$106.45	10%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.65500	= 0.94174	\$104.67	8%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.74350	= 0.91886	\$102.89	6%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	33%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17595	+ 0.62000	= 0.79595	\$89.60	-7%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.18167	+ 0.62000	= 0.80167	\$92.41	-4%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.62481	= 0.72635	\$77.64	-20%
Xcel Energy	6.50	0.13450	+ 0.51689	= 0.65139	\$71.64	-26%
AVERAGE RATE	9.59	0.21198	0.65887	0.87085	\$96.68	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October 1, 2010

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
				*including Surcharges (Note 2)	
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)	
Sales				From Utility	
Rate A	10.50	0.26011	+	0.69934	= 0.95945
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.69934	= 0.95945
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.26011	+	per contract	
				* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)	
Sales				From Utility	
General Service - Rate GS-1	11.65	2.30420	+	6.9934	= 9.2976
General Service - Rate GS-2	18.20	2.09950	+	6.9934	= 9.0929
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.9934	= 8.1565
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.9934	= 8.0030
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract	
ST Optional Maximum Rate		1.6914		per contract	
ST Optional Minimum Rate		0.3888		per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract	
ST Optional Maximum Rate		1.5379		per contract	
ST Optional Minimum Rate		0.2353		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract	
LT Optional Maximum Rate		1.0776		per contract	
LT Optional Minimum Rate		0.3888		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract	
LT Optional Maximum Rate		0.9241		per contract	
LT Optional Minimum Rate		0.2353		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract	
XLT Optional Maximum Rate		0.9184		per contract	
XLT Optional Minimum Rate		0.3088		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract	
XLT Optional Maximum Rate		0.7649		per contract	
XLT Optional Minimum Rate		0.1553		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.65500	= 0.94174
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.65500	= 0.89461
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.65500	= 0.93024
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.65500	= 0.94174
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.5500	= 9.3826
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.5500	= 8.5113
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.5500	= 8.3998
Rate S	200.00	1.8440	+ 6.5500	= 8.3940
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXLT (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

October 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.70150	+ 0.04200	= 0.74350	)=	0.91886
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
Meter Class II	33.00	0.13478	+(0.70150	+ 0.04200	= 0.74350	)=	0.87828
Meter Class III	88.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Meter Class IV	143.00	0.12178	+(0.70150	+ 0.04200	= 0.74350	)=	0.86528
Gas Light Rate-Residential	0.00	0.15987	+(0.70150	+ 0.04200	= 0.74350	)=	0.90337
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Large General Service	498.76	1.00940	+(7.0150	+ 0.4200	= 7.4350	)=	8.44440
GasLight Rate-Commercial	7.77	1.18760	+(7.0150	+ 0.4200	= 7.4350	)=	8.62260
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

October 1, 2010

SEMCO MPSC Division

Customer Charge			Distribution Charge			Total Charge				
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)										
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales			Gas Costs From Utility		Balancing Recovery Cost		Capacity Demand Charge		GCR Factor	
Residential Service		10.00	0.17595	+(0.54306	+ 0.02500	+ 0.05194	= 0.62000	)= 0.79595		
Customer Choice-Residential alternative suppliers		10.00	0.17595	+ From Others	+ Balancing Recovery Surcharge	+ Capacity Demand Charge				
				+ per contract	+ 0.02500	+ 0.05194				
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)							
Sales			Gas Costs From Utility		Balancing Cost		Demand Charge		GCR Factor	
General Service (GS-1)		12.41	1.7488	+(5.43060	+ 0.2500	+ 0.5194	+ 6.2000	)= 7.94880		
General Service (GS-2)		48.26	1.2813	+(5.43060	+ 0.2500	+ 0.5194	+ 6.2000	)= 7.48130		
General Service (GS-3)		167.23	1.0062	+(5.43060	+ 0.2500	+ 0.5194	+ 6.2000	)= 7.20620		
Customer Choice-Comm. & Industrial alternative suppliers		(see above)	(see above)	+ From Others	+ Balancing Recovery Surcharge	+ Capacity Demand Charge				
				+ per contract	+ 0.25000	+ 0.51940				
Transportation		Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth			
TR-1		401.84	75.00	per contract	0.7191	0.5691	0.0344			
TR-2		1139.70	75.00	per contract	0.5681	0.4181	0.0344			
TR-3		3313.58	75.00	per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.18167	+ 0.53593	+ 0.02500	+ 0.05907	= 0.62000	= 0.80167
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.18167	+ per contract	+ 0.02500	+ 0.05907	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.3593	+ 0.2500	+ 0.59070	+ 6.20000	= 8.2764
General Service (GS-2)	38.26	13.08	1.9497	+ 5.3593	+ 0.2500	+ 0.59070	+ 6.20000	= 8.1497
General Service (GS-3)	167.23	59.01	1.6225	+ 5.3593	+ 0.2500	+ 0.59070	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	167.23	59.01	75.00	1.6225				
TR-1	301.84		75.00		1.6251	1.4751		
TR-2	1489.70		75.00		1.3614	1.2114		
TR-3	4213.58		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.62481	= 0.72635
Seasonal	10.00	0.10154	+ 0.62481	= 0.72635
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 6.2481	= 7.0995
Small Seasonal	19.44	0.8514	+ 6.2481	= 7.0995
Large	97.64	0.6214	+ 6.2481	= 6.8695
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.51689	= 0.65139
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.1689	= 6.0139
Firm (304?)	482.79	0.8450	+ 5.1689	= 6.0139
Interruptible	126.39	0.3300	+ 5.1689	= 5.4989
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)	Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](http://RateInformationatxcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Same	6.9934	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	Same	6.8500	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	Same	7.0492	7.0492	/Mcf U-16145
Presque Isle E. & G. Coop.	Same	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	Same	6.2000	6.3713	/Dth U-16148
SEMCO-MPSC Div.	Same	6.2000	6.6377	/Mcf U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	Increased	6.2481	6.2481	/Dth U-16010
Xcel Energy	Same	5.8786	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2010

Calendar Year of GCR Factors

PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10 \$/unit	Aug-10 \$/unit	Sep-10 \$/unit	Oct-10 \$/unit	Nov-10 \$/unit	Dec-10 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.9934	6.9934	6.9934			/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934	6.9934			/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	6.8500	6.8500	6.8500			/Mcf
-U-16146 - As Filed or As Ordered	7.0600	7.0600	7.0600			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0492	7.0492	7.0492			/Mcf
-U-16145 - As Filed or as Ordered	7.0492	7.0492	7.0492			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140	7.9140			/Mcf
-U-16151-As Filed or As Ordered	7.9140	7.9140	7.9140			/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	6.2000	6.2000	6.2000			/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713	6.3713			/Dth
MPSC Division						
- As Currently Billed	6.2000	6.2000	6.2000			/Mcf
-U-16147 - As Filed or as Ordered	6.6377	6.6377	6.6377			/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	6.2423	6.2451	6.2481			/Dth
-U-16010 - As Filed or as Ordered	6.2481	6.2481	6.2481			/Dth
Xcel Energy						
- As Currently Billed	5.8786	5.8786	5.8786			/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270	6.4270			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.26011	+ 0.69934	= 0.95945	\$106.45	9%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.68500	= 0.97174	\$107.67	10%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.70492	= 0.88028	\$99.03	2%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	31%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17595	+ 0.62000	= 0.79595	\$89.60	-8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.18167	+ 0.62000	= 0.80167	\$92.41	-5%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.62481	= 0.72635	\$77.64	-20%
Xcel Energy	6.50	0.13450	+ 0.58786	= 0.72236	\$78.74	-19%
AVERAGE RATE	9.59	0.21198	0.66667	0.87865	\$97.46	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26011	+	0.69934 = 0.95945
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.69934 = 0.95945
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26011	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.30420	+	6.9934 = 9.2976
General Service - Rate GS-2	18.20	2.09950	+	6.9934 = 9.0929
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.9934 = 8.1565
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.9934 = 8.0030
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract
ST Optional Maximum Rate		1.6914		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract
ST Optional Maximum Rate		1.5379		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract
LT Optional Maximum Rate		1.0776		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract
LT Optional Maximum Rate		0.9241		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract
XLT Optional Maximum Rate		0.9184		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract
XLT Optional Maximum Rate		0.7649		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

September 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.68500	= 0.92461
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.68500	= 0.96024
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.8500	= 9.6826
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.8500	= 8.8113
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.8500	= 8.6998
Rate S	200.00	1.8440	+ 6.8500	= 8.6940
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXL (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

September 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.66292	+ 0.04200	= 0.70492	)=	0.88028
Residential Multi-Family							
<i>Meter Class I</i>	11.00	0.13478	+(0.66292	+ 0.04200	= 0.70492	)=	0.83970
<i>Meter Class II</i>	33.00	0.13478	+(0.66292	+ 0.04200	= 0.70492	)=	0.83970
<i>Meter Class III</i>	88.00	0.12178	+(0.66292	+ 0.04200	= 0.70492	)=	0.82670
<i>Meter Class IV</i>	143.00	0.12178	+(0.66292	+ 0.04200	= 0.70492	)=	0.82670
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Large General Service	498.76	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860
GasLight Rate-Commercial	7.77	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
<i>EO Surcharge</i>	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651				
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
<i>EO Surcharge</i>	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

September 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.17595	+(0.54306	+ 0.02500	+ 0.05194	= 0.62000	)= 0.79595
Customer Choice-Residential alternative suppliers	10.00	0.17595	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
			+ per contract	+ 0.02500	+ 0.05194		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	12.41	1.7488	+(5.43060	+ 0.2500	+ 0.5194	+ 6.2000	)= 7.94880
General Service (GS-2)	48.26	1.2813	+(5.43060	+ 0.2500	+ 0.5194	+ 6.2000	)= 7.48130
General Service (GS-3)	167.23	1.0062	+(5.43060	+ 0.2500	+ 0.5194	+ 6.2000	)= 7.20620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
			+ per contract	+ 0.25000	+ 0.51940		
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	401.84	75.00	per contract	0.7191	0.5691	0.0344	
TR-2	1139.70	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3313.58	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.18167	+ 0.53593	+ 0.02500	+ 0.05907	= 0.62000	= 0.80167
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.18167	+ per contract	+ 0.02500	+ 0.05907	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.3593	+ 0.2500	+ 0.59070	+ 6.20000	= 8.2764
General Service (GS-2)	38.26	13.08	1.9497	+ 5.3593	+ 0.2500	+ 0.59070	+ 6.20000	= 8.1497
General Service (GS-3)	167.23	59.01	1.6225	+ 5.3593	+ 0.2500	+ 0.59070	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	167.23	59.01	75.00	1.6225				
TR-1	301.84		75.00		1.6251	1.4751		
TR-2	1489.70		75.00		1.3614	1.2114		
TR-3	4213.58		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.62481	= 0.72635
Seasonal	10.00	0.10154	+ 0.62481	= 0.72635
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 6.2481	= 7.0995
Small Seasonal	19.44	0.8514	+ 6.2481	= 7.0995
Large	97.64	0.6214	+ 6.2481	= 6.8695
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.58786	= 0.72236
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.8786	= 6.7236
Firm (304?)	482.79	0.8450	+ 5.8786	= 6.7236
Interruptible	126.39	0.3300	+ 5.8786	= 6.2086
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)	Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](http://RateInformationatxcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	6.9934	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	<i>Same</i>	6.8500	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.0492	7.0492	/Mcf U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2000	6.3713	/Dth U-16148
SEMCO-MPSC Div.	<i>Same</i>	6.2000	6.6377	/Mcf U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.2451	6.2481	/Dth U-16010
Xcel Energy	<i>Same</i>	5.8786	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August 1, 2010

Calendar Year of GCR Factors

PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	6.9934	6.9934				/Mcf
-U-16149 - As Filed or as Ordered	6.9934	6.9934				/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	6.8500	6.8500				/Mcf
-U-16146 - As Filed or as Ordered	7.0600	7.0600				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0492	7.0492				/Mcf
-U-16145 - As Filed or as Ordered	7.0492	7.0492				/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140	7.9140				/Mcf
-U-16151-As Filed or as Ordered	7.9140	7.9140				/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	6.2000	6.2000				/Dth
-U-16148 - As Filed or as Ordered	6.3713	6.3713				/Dth
MPSC Division						
- As Currently Billed	6.2000	6.2000				/Mcf
-U-16147 - As Filed or as Ordered	6.6377	6.6377				/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	6.2423	6.2451				/Dth
-U-16010 - As Filed or as Ordered	6.2481	6.2481				/Dth
Xcel Energy						
- As Currently Billed	5.8786	5.8786				/Dth
-U-16150 - As Filed or as Ordered	6.4270	6.4270				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.26011	+ 0.69934	= 0.95945	\$106.45	9%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.68500	= 0.97174	\$107.67	10%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.70492	= 0.88028	\$99.03	2%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	31%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17595	+ 0.62000	= 0.79595	\$89.60	-8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.18167	+ 0.62000	= 0.80167	\$92.41	-5%
Wisconsin Public Service Corp	5.00	0.10154	+ 0.62451	= 0.72605	\$77.61	-20%
Xcel Energy	6.50	0.13450	+ 0.58786	= 0.72236	\$78.74	-19%
AVERAGE RATE	9.59	0.21198	0.66663	0.87861	\$97.45	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August 1, 2010

	Customer Charge	Distribution Charge		GCR Factor	Total Vol Charge
*including Surcharges (Note 2)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Rate A	10.50	0.26011	+	0.69934	= 0.95945
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.69934	= 0.95945
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)					
Customer Choice				From Others	
<u>alternative suppliers</u>	10.50	0.26011	+	per contract	
				* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
General Service - Rate GS-1	11.65	2.30420	+	6.9934	= 9.2976
General Service - Rate GS-2	18.20	2.09950	+	6.9934	= 9.0929
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.9934	= 8.1565
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.9934	= 8.0030
Customer Choice				From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract	
ST Optional Maximum Rate		1.6914		per contract	
ST Optional Minimum Rate		0.3888		per contract	
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract	
ST Optional Maximum Rate		1.5379		per contract	
ST Optional Minimum Rate		0.2353		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract	
LT Optional Maximum Rate		1.0776		per contract	
LT Optional Minimum Rate		0.3888		per contract	
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract	
LT Optional Maximum Rate		0.9241		per contract	
LT Optional Minimum Rate		0.2353		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract	
XLT Optional Maximum Rate		0.9184		per contract	
XLT Optional Minimum Rate		0.3088		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract	
XLT Optional Maximum Rate		0.7649		per contract	
XLT Optional Minimum Rate		0.1553		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00	includes gas			
2.6 to 4.5 CF/Hr	22.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.68500	= 0.92461
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.68500	= 0.96024
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.8500	= 9.6826
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.8500	= 8.8113
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.8500	= 8.6998
Rate S	200.00	1.8440	+ 6.8500	= 8.6940
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXLT (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

August 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17536	+(0.66292	+ 0.04200	= 0.70492	)=	0.88028
Residential Multi-Family							
Meter Class I	11.00	0.13478	+(0.66292	+ 0.04200	= 0.70492	)=	0.83970
Meter Class II	33.00	0.13478	+(0.66292	+ 0.04200	= 0.70492	)=	0.83970
Meter Class III	88.00	0.12178	+(0.66292	+ 0.04200	= 0.70492	)=	0.82670
Meter Class IV	143.00	0.12178	+(0.66292	+ 0.04200	= 0.70492	)=	0.82670
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	37.41	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Large General Service	498.76	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860
GasLight Rate-Commercial	7.77	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	26.82	76.40	349.37				

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

August 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17595	+(0.54932	+ 0.02500	+ 0.04568	= 0.62000	)=	0.79595
Customer Choice-Residential alternative suppliers	10.00	0.17595	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.94880
General Service (GS-2)	48.26	1.2813	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.48130
General Service (GS-3)	167.23	1.0062	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.20620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	401.84	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1139.70	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3313.58	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.18167	+ 0.54932	+ 0.02500	+ 0.04568	= 0.62000	= 0.80167
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.18167	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.2764
General Service (GS-2)	38.26	13.08	1.9497	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.1497
General Service (GS-3)	167.23	59.01	1.6225	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	167.23	59.01	75.00	1.6225				
TR-1	301.84		75.00		1.6251	1.4751		
TR-2	1489.70		75.00		1.3614	1.2114		
TR-3	4213.58		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16293

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.10154	+ 0.62451	= 0.72605
Seasonal	10.00	0.10154	+ 0.62451	= 0.72605
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.72	0.8514	+ 6.2451	= 7.0965
Small Seasonal	19.44	0.8514	+ 6.2451	= 7.0965
Large	97.64	0.6214	+ 6.2451	= 6.8665
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.58786	= 0.72236
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.8786	= 6.7236
Firm (304?)	482.79	0.8450	+ 5.8786	= 6.7236
Interruptible	126.39	0.3300	+ 5.8786	= 6.2086
Transportation	Customer Charge (\$/month)	Meter Charge (\$/month)	Admin Charge (\$/month)	Distribution Charge (\$/Dth)
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](http://Rate.Information.at.xcelenergy.com)

Note 1: Effective for (XCEL) bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892, for (WPSC) bills rendered on and after August 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.9934	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	<i>Same</i>	6.8500	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.0492	7.0492	/Mcf U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2000	6.3713	/Dth U-16148
SEMCO-MPSC Div.	<i>Same</i>	6.2000	6.6377	/Mcf U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.2423	6.2481	/Dth U-16010
Xcel Energy	<i>Decreased</i>	5.8786	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July 1, 2010

Calendar Year of GCR Factors

PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	6.9934					/Mcf
-U-16149 - As Filed or as Ordered	6.9934					/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	6.8500					/Mcf
-U-16146 - As Filed or as Ordered	7.0600					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	7.0492					/Mcf
-U-16145 - As Filed or as Ordered	7.0492					/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	7.9140					/Mcf
-U-16151-As Filed or As Ordered	7.9140					/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	6.2000					/Dth
-U-16148 - As Filed or as Ordered	6.3713					/Dth
MPSC Division						
- As Currently Billed	6.2000					/Mcf
-U-16147 - As Filed or as Ordered	6.6377					/Mcf
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	6.2423					/Dth
-U-16010 - As Filed or as Ordered	6.2481					/Dth
Xcel Energy						
- As Currently Billed	5.8786					/Dth
-U-16150 - As Filed or as Ordered	6.4270					/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	10.50	0.26011	+ 0.69934	= 0.95945	\$106.45	9%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.68500	= 0.97174	\$107.67	11%
Michigan Gas Utilities Corp	11.00	0.17536	+ 0.70492	= 0.88028	\$99.03	2%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	32%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62000	= 0.79337	\$89.34	-8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62000	= 0.79909	\$92.15	-5%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.62423	= 0.72387	\$77.39	-21%
Xcel Energy	6.50	0.13450	+ 0.58786	= 0.72236	\$78.74	-19%
AVERAGE RATE	9.59	0.21110	0.66659	0.87770	\$97.36	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Note 2)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	10.50	0.26011	+	0.69934 = 0.95945
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.69934 = 0.95945
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	10.50	0.26011	+	per contract
				* including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	11.65	2.30420	+	6.9934 = 9.2976
General Service - Rate GS-2	18.20	2.09950	+	6.9934 = 9.0929
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.9934 = 8.1565
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.9934 = 8.0030
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract
ST Optional Maximum Rate		1.6914		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract
ST Optional Maximum Rate		1.5379		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract
LT Optional Maximum Rate		1.0776		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract
LT Optional Maximum Rate		0.9241		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract
XLT Optional Maximum Rate		0.9184		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract
XLT Optional Maximum Rate		0.7649		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	22.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

July 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.68500	= 0.92461
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.68500	= 0.96024
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.8500	= 9.6826
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.8500	= 8.8113
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.8500	= 8.6998
Rate S	200.00	1.8440	+ 6.8500	= 8.6940
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXL (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective June 25, 2010, customers will pay the revised Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at utilities.dteenergy.com \(PDF version\)](#)
[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

July 1, 2010

	Customer Charge*	Distribution Charge*						Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Residential Service	11.00	0.17536	+(0.66292	+ 0.04200	= 0.70492	)=	0.88028	
Residential Multi-Family								
Meter Class I	11.00	0.13478	+(0.66292	+ 0.04200	= 0.70492	)=	0.83970	
Meter Class II	33.00	0.13478	+(0.66292	+ 0.04200	= 0.70492	)=	0.83970	
Meter Class III	88.00	0.12178	+(0.66292	+ 0.04200	= 0.70492	)=	0.82670	
Meter Class IV	143.00	0.12178	+(0.66292	+ 0.04200	= 0.70492	)=	0.82670	
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479	
Customer Choice-Residential			From Others	Balancing Surcharge				
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor			
Small General Service	37.41	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680	
Large General Service	498.76	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860	
GasLight Rate-Commercial	7.77	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680	
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge				
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000				
Transportation	TR-1	TR-2	TR-3					
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	26.82	76.40	349.37					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651					
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
Customer Charge	825	2,250	3,050					
EO Surcharge	26.82	76.40	349.37					

Note 1: Effective for bills rendered on and after July 1, 2010, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-16291

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Ratesatmichigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understandingyourbillatmichigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

July 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge							Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)									
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)						
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor			
Residential Service	10.00	0.17337	+(0.54932	+ 0.02500	+ 0.04568	= 0.62000	)=	0.79337	
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge				
			+ per contract	+ 0.02500	+ 0.04568				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)						
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor			
General Service (GS-1)	12.41	1.7488	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.94880	
General Service (GS-2)	48.94	1.2813	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.48130	
General Service (GS-3)	166.09	1.0062	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.20620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge				
			+ per contract	+ 0.25000	+ 0.45680				
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth			
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344			
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344			
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54932	+ 0.02500	+ 0.04568	= 0.62000	= 0.79909
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.2764
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.1497
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.62423	= 0.72387
Seasonal	10.00	0.09964	+ 0.62423	= 0.72387
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 6.2423	= 7.0937
Small Seasonal	19.28	0.8514	+ 6.2423	= 7.0937
Large	102.09	0.6214	+ 6.2423	= 6.8637
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.58786	= 0.72236
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 5.8786	= 6.7236
Firm (304?)	482.79	0.8450	+ 5.8786	= 6.7236
Interruptible	126.39	0.3300	+ 5.8786	= 6.2086
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 8, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.8693	6.9934	/Mcf U-16149
Michigan Consolidated Gas Co	<i>Increased</i>	6.8500	7.0600	/Mcf U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.0492	7.0492	/Mcf U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140	/Mcf U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2000	6.3713	/Dth U-16148
SEMCO-MPSC Div.	<i>Same</i>	6.2000	6.6377	/Mcf U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.2047	6.2481	/Dth U-16010
Xcel Energy	<i>Same</i>	6.0721	6.4270	/Dth U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 8, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 8, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.26011	+ 0.68693	= 0.94704	\$105.20	8%
Michigan Consolidated Gas Co	10.50	0.28674	+ 0.68500	= 0.97174	\$107.67	11%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.70492	= 0.87718	\$98.72	1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	32%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62000	= 0.79337	\$89.34	-8%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62000	= 0.79909	\$92.15	-5%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.62047	= 0.72011	\$77.01	-21%
Xcel Energy	6.50	0.13450	+ 0.60721	= 0.74171	\$80.67	-17%
AVERAGE RATE	9.59	0.21071	0.66699	0.87771	\$97.36	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 8, 2010

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
						<i>*including Surcharges (Note 2)</i>
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)
Sales				From Utility		
Rate A	10.50	0.26011	+	0.68693	=	0.94704
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.68693	=	0.94704
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)						
Customer Choice				From Others		
<u>alternative suppliers</u>	10.50	0.26011	+	per contract		
				<i>* including EO Surcharge (Note 2)</i>		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)
Sales				From Utility		
General Service - Rate GS-1	11.65	2.30420	+	6.8693	=	9.1735
General Service - Rate GS-2	18.20	2.35000	+	6.8693	=	9.2193
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.8693	=	8.0324
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.8693	=	7.8789
Customer Choice				From Others		
<u>alternative suppliers</u>	(see above)	(see above)		per contract		
Transportation				From Others		
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract		
ST Optional Maximum Rate		1.6914		per contract		
ST Optional Minimum Rate		0.3888		per contract		
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract		
ST Optional Maximum Rate		1.5379		per contract		
ST Optional Minimum Rate		0.2353		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract		
LT Optional Maximum Rate		1.0776		per contract		
LT Optional Minimum Rate		0.3888		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract		
LT Optional Maximum Rate		0.9241		per contract		
LT Optional Minimum Rate		0.2353		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract		
XLT Optional Maximum Rate		0.9184		per contract		
XLT Optional Minimum Rate		0.3088		per contract		
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract		
XLT Optional Maximum Rate		0.7649		per contract		
XLT Optional Minimum Rate		0.1553		per contract		
XLT Remote Meter Charge	70.00			per contract		
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	16.00	includes gas				
2.6 to 4.5 CF/Hr	22.00	includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

June 8, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharges (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Residential Multi Family Rate 2A Class 1	10.50	0.23961	+ 0.68500	= 0.92461
Residential Multi Family Rate 2A Class 2	25.00	0.27524	+ 0.68500	= 0.96024
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	10.50	0.28674	+ 0.68500	= 0.97174
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	25.00	2.8326	+ 6.8500	= 9.6826
Rate GS-2 (<100,000 Mcf)	590.00	1.9613	+ 6.8500	= 8.8113
Rate GS-2 (>100,000 Mcf)	590.00	1.8498	+ 6.8500	= 8.6998
Rate S	200.00	1.8440	+ 6.8500	= 8.6940
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	2030.00	0.8208	per contract	
<i>Maximum (optional)</i>	2030.00	1.3501	per contract	
<i>Minimum (optional)</i>	2030.00	0.2915	per contract	
Rate LT (cost based rate)	3660.00	0.5960	per contract	
<i>Maximum (optional)</i>	3660.00	0.9298	per contract	
<i>Minimum (optional)</i>	3660.00	0.2622	per contract	
Rate XLT (cost based rate)	6985.00	0.5368	per contract	
<i>Maximum (optional)</i>	6985.00	0.8619	per contract	
<i>Minimum (optional)</i>	6985.00	0.2117	per contract	
Rate XXL (cost based rate)	120000.00	0.1876	per contract	
<i>Maximum (optional)</i>	120000.00	0.2935	per contract	
<i>Minimum (optional)</i>	120000.00	0.0817	per contract	
Rate XLT/XXLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.25/MMBtu		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income customers on Rates A & AS receive a \$6 credit per month year round

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

June 8, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.66292	+ 0.04200	= 0.70492	)=	0.87718
Residential Multi-Family							
Meter Class I	11.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class II	33.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class III	88.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Meter Class IV	143.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Large General Service	477.09	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860
GasLight Rate-Commercial	4.70	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891
[Customer Attachment Program](#) surcharges are in addition to rates above
[Rates at michigangasutilities.com](#)
[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

June 8, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.54932	+ 0.02500	+ 0.04568	= 0.62000	)= 0.79337	
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)= 7.94880	
General Service (GS-2)	48.94	1.2813	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)= 7.48130	
General Service (GS-3)	166.09	1.0062	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)= 7.20620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54932	+ 0.02500	+ 0.04568	= 0.62000	= 0.79909
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.2764
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.1497
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 8, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.62047	= 0.72011
Seasonal	10.00	0.09964	+ 0.62047	= 0.72011
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 6.2047	= 7.0561
Small Seasonal	19.28	0.8514	+ 6.2047	= 7.0561
Large	102.09	0.6214	+ 6.2047	= 6.8261
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60721	= 0.74171
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0721	= 6.9171
Firm (304?)	482.79	0.8450	+ 6.0721	= 6.9171
Interruptible	126.39	0.3300	+ 6.0721	= 6.4021
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	6.8693	6.9934 /Mcf	U-16149
Michigan Consolidated Gas Co	<i>Increased</i>	6.8500	7.0600 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.0492	7.0492 /Mcf	U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140 /Mcf	U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2000	6.3713 /Dth	U-16148
SEMCO-MPSC Div.	<i>Same</i>	6.2000	6.6377 /Mcf	U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.2047	6.2481 /Dth	U-16010
Xcel Energy	<i>Same</i>	6.0721	6.4270 /Dth	U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426	6.8693	/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934	6.9934	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000	6.8500	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600	7.0600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492	7.0492	/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492	7.0492	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140	7.9140	/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140	7.9140	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000	6.2000	/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713	6.3713	/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000	6.2000	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377	6.6377	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098	6.2047	/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481	6.2481	/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721	6.0721	/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270	6.4270	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10 \$/unit	Aug-10 \$/unit	Sep-10 \$/unit	Oct-10 \$/unit	Nov-10 \$/unit	Dec-10 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	10.50	0.26011	+ 0.68693	= 0.94704	\$105.20	8%
Michigan Consolidated Gas Co	8.50	0.31549	+ 0.68500	= 1.00049	\$108.55	11%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.70492	= 0.87718	\$98.72	1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	31%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62000	= 0.79337	\$89.34	-8%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62000	= 0.79909	\$92.15	-5%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.62047	= 0.72011	\$77.01	-21%
Xcel Energy	6.50	0.13450	+ 0.60721	= 0.74171	\$80.67	-17%
AVERAGE RATE	9.34	0.21431	0.66699	0.88130	\$97.47	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June 1, 2010

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
						<i>*including Surcharges (Note 2)</i>
RESIDENTIAL SERVICE	(\$/month)					(volumetric charges in \$/Ccf metered)
Sales				From Utility		
Rate A	10.50	0.26011	+	0.68693	=	0.94704
Rate A-1 Residential Multi-Family	10.50	0.26011	+	0.68693	=	0.94704
Excess Peak Demand Charge \$0.0540/Mcf (Note 1)						
Customer Choice				From Others		
<u>alternative suppliers</u>	10.50	0.26011	+	per contract		
				<i>* including EO Surcharge (Note 2)</i>		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)					(volumetric charges in \$/Mcf metered)
Sales				From Utility		
General Service - Rate GS-1	11.65	2.30420	+	6.8693	=	9.1735
General Service - Rate GS-2	18.20	2.35000	+	6.8693	=	9.2193
General Service - Rate GS-3 (0-100,000 Year)	541.00	1.16310	+	6.8693	=	8.0324
General Service - Rate GS-3 (>100,000 Year)	541.00	1.00960	+	6.8693	=	7.8789
Customer Choice				From Others		
<u>alternative suppliers</u>	(see above)	(see above)		per contract		
Transportation				From Others		
Rate ST Cost Based Rate (0-100,000 Year)	575.00	1.0401		per contract		
ST Optional Maximum Rate		1.6914		per contract		
ST Optional Minimum Rate		0.3888		per contract		
Rate ST Cost Based Rate (>100,000 Year)	575.00	0.8866		per contract		
ST Optional Maximum Rate		1.5379		per contract		
ST Optional Minimum Rate		0.2353		per contract		
Rate LT Cost Based Rate (0-100,000 Year)	3,132.50	0.7332		per contract		
LT Optional Maximum Rate		1.0776		per contract		
LT Optional Minimum Rate		0.3888		per contract		
Rate LT Cost Based Rate (>100,000 Year)	3,132.50	0.5797		per contract		
LT Optional Maximum Rate		0.9241		per contract		
LT Optional Minimum Rate		0.2353		per contract		
Rate XLT Cost Based Rate (0-100,000 Year)	8,045.90	0.6136		per contract		
XLT Optional Maximum Rate		0.9184		per contract		
XLT Optional Minimum Rate		0.3088		per contract		
Rate XLT Cost Based Rate (>100,000 Year)	8,045.90	0.4601		per contract		
XLT Optional Maximum Rate		0.7649		per contract		
XLT Optional Minimum Rate		0.1553		per contract		
XLT Remote Meter Charge	70.00			per contract		
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	16.00	includes gas				
2.6 to 4.5 CF/Hr	22.00	includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

June 1, 2010

	Customer Charge	Distribution Charge*		GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1),EO surcharges (Note 3), and Self Implementation Surcharges (Note 4)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service - Rate A (old 2)	8.50	0.31549	+	0.68500	= 1.00049
Residential Multi Family Rate 2A Class 1	8.50	0.24509	+	0.68500	= 0.93009
Residential Multi Family Rate 2A Class 2	20.00	0.28689	+	0.68500	= 0.97189
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.29637	+	0.68500	= 0.98137
Customer Choice				From Others	
alternative suppliers	(see above)	(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Rate GS-1	20.00	3.2635	+	6.8500	= 10.1135
Rate GS-2 (<100,000 Mcf)	475.00	2.2816	+	6.8500	= 9.1316
Rate GS-2 (>100,000 Mcf)	475.00	2.1726	+	6.8500	= 9.0226
Rate S	200.00	2.6497	+	6.8500	= 9.4997
Customer Choice				From Others	
alternative suppliers	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST (cost based rate)	1300.00	1.3324		per contract	
<i>Maximum (optional)</i>	1300.00	1.9102		per contract	
<i>Minimum (optional)</i>	1300.00	0.7546		per contract	
Rate LT (cost based rate)	3375.00	0.7937		per contract	
<i>Maximum (optional)</i>	3375.00	1.1233		per contract	
<i>Minimum (optional)</i>	3375.00	0.4641		per contract	
Rate XLT (cost based rate)	11300.00	0.6554		per contract	
<i>Maximum (optional)</i>	11300.00	0.8973		per contract	
<i>Minimum (optional)</i>	11300.00	0.4135		per contract	
Rate XLT-Remote Meter Charge	100.00				
Unauthorized Gas Usage Charge		10.0000			
Load Balancing Storage Charge		0.2500			

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Note 4: The Self Implementation Rate Increase (Case No. U-15985) is implemented on a "service rendered" basis effective January 1, 2010.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

June 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.66292	+ 0.04200	= 0.70492	)=	0.87718
Residential Multi-Family							
Meter Class I	11.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class II	33.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class III	88.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Meter Class IV	143.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Large General Service	477.09	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860
GasLight Rate-Commercial	4.70	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

June 1, 2010

SEMCO MPSC Division

Customer Charge			Distribution Charge			Total Charge				
*For Residential, Dist. Chg. Includes EO surcharge, for others It's in Cust. Chg.(Note 1)										
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Ccf metered)							
Sales			Gas Costs From Utility		Balancing Recovery Cost		Capacity Demand Charge		GCR Factor	
Residential Service		10.00	0.17337	+(0.54932	+	0.02500	+	0.04568	=	0.62000)= 0.79337
Customer Choice-Residential alternative suppliers		10.00	0.17337	+	From Others per contract	+	Balancing Recovery Surcharge 0.02500	+	Capacity Demand Charge 0.04568	
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Mcf metered)							
Sales			Gas Costs From Utility		Balancing Cost		Demand Charge		GCR Factor	
General Service (GS-1)		12.41	1.7488	+(5.49320	+	0.2500	+	0.4568	+	6.2000)= 7.94880
General Service (GS-2)		48.94	1.2813	+(5.49320	+	0.2500	+	0.4568	+	6.2000)= 7.48130
General Service (GS-3)		166.09	1.0062	+(5.49320	+	0.2500	+	0.4568	+	6.2000)= 7.20620
Customer Choice-Comm. & Industrial alternative suppliers		(see above)	(see above)	+	From Others per contract	+	Balancing Recovery Surcharge 0.25000	+	Capacity Demand Charge 0.45680	
Transportation		Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth			
TR-1		405.56	75.00	per contract	0.7191	0.5691	0.0344			
TR-2		1143.98	75.00	per contract	0.5681	0.4181	0.0344			
TR-3		3197.26	75.00	per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54932	+ 0.02500	+ 0.04568	= 0.62000	= 0.79909
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.2764
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.1497
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.62047	= 0.72011
Seasonal	10.00	0.09964	+ 0.62047	= 0.72011
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 6.2047	= 7.0561
Small Seasonal	19.28	0.8514	+ 6.2047	= 7.0561
Large	102.09	0.6214	+ 6.2047	= 6.8261
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60721	= 0.74171
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0721	= 6.9171
Firm (304?)	482.79	0.8450	+ 6.0721	= 6.9171
Interruptible	126.39	0.3300	+ 6.0721	= 6.4021
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.8426	6.9934 /Mcf	U-16149
Michigan Consolidated Gas Co	<i>Decreased</i>	6.6000	7.0600 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Same</i>	7.0492	7.0492 /Mcf	U-16145
Presque Isle E. & G. Coop.	<i>Same</i>	7.9140	7.9140 /Mcf	U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2000	6.3713 /Dth	U-16148
SEMCO-MPSC Div.	<i>Same</i>	6.2000	6.6377 /Mcf	U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	4.0098	6.2481 /Dth	U-16010
Xcel Energy	<i>Same</i>	6.0721	6.4270 /Dth	U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3953	7.3226	7.2537	6.9556	6.8426		/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
-U-16149 - As Filed or as Ordered				6.9934	6.9934		/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000	7.8000	7.5500	6.9000	6.6000		/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
-U-16146 - As Filed or As Ordered				7.0600	7.0600		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500	7.0000	7.1000	7.0492	7.0492		/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
-U-16145 - As Filed or as Ordered				7.0492	7.0492		/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160	8.8160	8.8160	7.9140	7.9140		/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				/Mcf
-U-16151-As Filed or As Ordered				7.9140	7.9140		/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500	5.7500	5.7500	6.2000	6.2000		/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
-U-16148 - As Filed or as Ordered				6.3713	6.3713		/Dth
MPSC Division							
- As Currently Billed	5.7500	5.6000	5.6000	6.2000	6.2000		/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
-U-16147 - As Filed or as Ordered				6.6377	6.6377		/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.6560	6.2356	5.7339	6.0386	4.0098		/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481	6.2481		/Dth
Xcel Energy							
- As Currently Billed	6.0000	6.0000	6.0000	6.0721	6.0721		/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth
-U-16150 - As Filed or as Ordered				6.4270	6.4270		/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10 \$/unit	Aug-10 \$/unit	Sep-10 \$/unit	Oct-10 \$/unit	Nov-10 \$/unit	Dec-10 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.26803	+ 0.68426	= 0.95229	\$104.73	11%
Michigan Consolidated Gas Co	8.50	0.31549	+ 0.66000	= 0.97549	\$106.05	12%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.70492	= 0.87718	\$98.72	5%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	36%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62000	= 0.79337	\$89.34	-5%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62000	= 0.79909	\$92.15	-2%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.40098	= 0.50062	\$55.06	-42%
Xcel Energy	6.50	0.13450	+ 0.60721	= 0.74171	\$80.67	-15%
AVERAGE RATE	9.22	0.21530	0.63610	0.85139	\$94.36	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including Surcharges (Notes 2 & 3)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.26803	+	0.68426 = 0.95229
Rate A-1 Residential Multi-Family	9.50	0.25554	+	0.68426 = 0.93980
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.26803	+	per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.44330	+	6.8426 = 9.2859
General Service - Rate GS-2	16.00	2.15700	+	6.8426 = 8.9996
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.24570	+	6.8426 = 8.0883
General Service - Rate GS-3 (>100,000 Year)	482.00	1.09220	+	6.8426 = 7.9348
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1099		per contract
ST Optional Maximum Rate		1.6934		per contract
ST Optional Minimum Rate		0.5264		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.9564		per contract
ST Optional Maximum Rate		1.5399		per contract
ST Optional Minimum Rate		0.3729		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.7868		per contract
LT Optional Maximum Rate		1.0851		per contract
LT Optional Minimum Rate		0.4885		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.6333		per contract
LT Optional Maximum Rate		0.9316		per contract
LT Optional Minimum Rate		0.3350		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.6413		per contract
XLT Optional Maximum Rate		0.9091		per contract
XLT Optional Minimum Rate		0.3735		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4878		per contract
XLT Optional Maximum Rate		0.7556		per contract
XLT Optional Minimum Rate		0.2200		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00			includes gas
2.6 to 4.5 CF/Hr	21.00			includes gas

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

May 1, 2010

	Customer Charge	Distribution Charge*		GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1),EO surcharges (Note 3), and Self Implementation Surcharges (Note 4)					
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales				From Utility	
Residential Service - Rate A (old 2)	8.50	0.31549	+	0.66000	= 0.97549
Residential Multi Family Rate 2A Class 1	8.50	0.24509	+	0.66000	= 0.90509
Residential Multi Family Rate 2A Class 2	20.00	0.28689	+	0.66000	= 0.94689
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.29637	+	0.66000	= 0.95637
Customer Choice				From Others	
alternative suppliers	(see above)	(see above)	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales				From Utility	
Rate GS-1	20.00	3.2635	+	6.6000	= 9.8635
Rate GS-2 (<100,000 Mcf)	475.00	2.2816	+	6.6000	= 8.8816
Rate GS-2 (>100,000 Mcf)	475.00	2.1726	+	6.6000	= 8.7726
Rate S	200.00	2.6497	+	6.6000	= 9.2497
Customer Choice				From Others	
alternative suppliers	(see above)	(see above)		per contract	
Transportation				From Others	
Rate ST (cost based rate)	1300.00	1.3324		per contract	
<i>Maximum (optional)</i>	1300.00	1.9102		per contract	
<i>Minimum (optional)</i>	1300.00	0.7546		per contract	
Rate LT (cost based rate)	3375.00	0.7937		per contract	
<i>Maximum (optional)</i>	3375.00	1.1233		per contract	
<i>Minimum (optional)</i>	3375.00	0.4641		per contract	
Rate XLT (cost based rate)	11300.00	0.6554		per contract	
<i>Maximum (optional)</i>	11300.00	0.8973		per contract	
<i>Minimum (optional)</i>	11300.00	0.4135		per contract	
Rate XLT-Remote Meter Charge	100.00				
Unauthorized Gas Usage Charge		10.0000			
Load Balancing Storage Charge		0.2500			

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Note 4: The Self Implementation Rate Increase (Case No. U-15985) is implemented on a "service rendered" basis effective January 1, 2010.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

May 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.66292	+ 0.04200	= 0.70492	)=	0.87718
Residential Multi-Family							
Meter Class I	11.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class II	33.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class III	88.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Meter Class IV	143.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Large General Service	477.09	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860
GasLight Rate-Commercial	4.70	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigan gas utilities.com](#)

[Understanding your bill at michigan gas utilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

May 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.54932	+ 0.02500	+ 0.04568	= 0.62000	)= 0.79337	
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)= 7.94880	
General Service (GS-2)	48.94	1.2813	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)= 7.48130	
General Service (GS-3)	166.09	1.0062	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)= 7.20620	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54932	+ 0.02500	+ 0.04568	= 0.62000	= 0.79909
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.2764
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.1497
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.40098	= 0.50062
Seasonal	10.00	0.09964	+ 0.40098	= 0.50062
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 4.0098	= 4.8612
Small Seasonal	19.28	0.8514	+ 4.0098	= 4.8612
Large	102.09	0.6214	+ 4.0098	= 4.6312
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60721	= 0.74171
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0721	= 6.9171
Firm (304?)	482.79	0.8450	+ 6.0721	= 6.9171
Interruptible	126.39	0.3300	+ 6.0721	= 6.4021
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	6.9556	6.9934 /Mcf	U-16149
Michigan Consolidated Gas Co	<i>Decreased</i>	6.9000	7.0600 /Mcf	U-16146
Michigan Gas Utilities Corp	<i>Decreased</i>	7.0492	7.0492 /Mcf	U-16145
Presque Isle E. & G. Coop.	<i>Decreased</i>	7.9140	7.9140 /Mcf	U-16151
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	6.2000	6.3713 /Dth	U-16148
SEMCO-MPSC Div.	<i>Increased</i>	6.2000	6.6377 /Mcf	U-16147
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.0386	6.2481 /Dth	U-16010
Xcel Energy	<i>Increased</i>	6.0721	6.4270 /Dth	U-16150

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	7.3953	7.3226	7.2537	6.9556		/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016			/Mcf
-U-16149 - As Filed or as Ordered				6.9934		/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	7.8000	7.8000	7.5500	6.9000		/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600			/Mcf
-U-16146 - As Filed or As Ordered				7.0600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.7500	7.0000	7.1000	7.0492		/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231			/Mcf
-U-16145 - As Filed or as Ordered				7.0492		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	8.8160	8.8160	8.8160	7.9140		/Mcf
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160			/Mcf
-U-16151-As Filed or As Ordered				7.9140		/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.7500	5.7500	5.7500	6.2000		/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490			/Dth
-U-16148 - As Filed or as Ordered				6.3713		/Dth
MPSC Division						
- As Currently Billed	5.7500	5.6000	5.6000	6.2000		/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394			/Mcf
-U-16147 - As Filed or as Ordered				6.6377		/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.6560	6.2356	5.7339	6.0386		/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857	6.2481		/Dth
Xcel Energy						
- As Currently Billed	6.0000	6.0000	6.0000	6.0721		/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172			/Dth
-U-16150 - As Filed or as Ordered				6.4270		/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.26803	+ 0.69556	= 0.96359	\$105.86	9%
Michigan Consolidated Gas Co	8.50	0.31549	+ 0.69000	= 1.00549	\$109.05	12%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.70492	= 0.87718	\$98.72	1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.7914	1.17140	\$128.14	32%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62000	= 0.79337	\$89.34	-8%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62000	= 0.79909	\$92.15	-5%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.60386	= 0.70350	\$75.35	-23%
Xcel Energy	6.50	0.13450	+ 0.60721	= 0.74171	\$80.67	-17%
AVERAGE RATE	9.22	0.21530	0.66662	0.88192	\$97.41	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including Surcharges (Notes 2 & 3)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.26803	+	0.69556 = 0.96359
Rate A-1 Residential Multi-Family	9.50	0.25554	+	0.69556 = 0.95110
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.26803	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.44330	+	6.9556 = 9.3989
General Service - Rate GS-2	16.00	2.15700	+	6.9556 = 9.1126
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.24570	+	6.9556 = 8.2013
General Service - Rate GS-3 (>100,000 Year)	482.00	1.09220	+	6.9556 = 8.0478
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1099		per contract
ST Optional Maximum Rate		1.6934		per contract
ST Optional Minimum Rate		0.5264		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.9564		per contract
ST Optional Maximum Rate		1.5399		per contract
ST Optional Minimum Rate		0.3729		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.7868		per contract
LT Optional Maximum Rate		1.0851		per contract
LT Optional Minimum Rate		0.4885		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.6333		per contract
LT Optional Maximum Rate		0.9316		per contract
LT Optional Minimum Rate		0.3350		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.6413		per contract
XLT Optional Maximum Rate		0.9091		per contract
XLT Optional Minimum Rate		0.3735		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4878		per contract
XLT Optional Maximum Rate		0.7556		per contract
XLT Optional Minimum Rate		0.2200		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

April 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1),EO surcharges (Note 3), and Self Implementation Surcharges (Note 4)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.31549	+	0.69000 = 1.00549
Residential Multi Family Rate 2A Class 1	8.50	0.24509	+	0.69000 = 0.93509
Residential Multi Family Rate 2A Class 2	20.00	0.28689	+	0.69000 = 0.97689
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.29637	+	0.69000 = 0.98637
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	3.2635	+	6.9000 = 10.1635
Rate GS-2 (<100,000 Mcf)	475.00	2.2816	+	6.9000 = 9.1816
Rate GS-2 (>100,000 Mcf)	475.00	2.1726	+	6.9000 = 9.0726
Rate S	200.00	2.6497	+	6.9000 = 9.5497
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	1.3324		per contract
<i>Maximum (optional)</i>	1300.00	1.9102		per contract
<i>Minimum (optional)</i>	1300.00	0.7546		per contract
Rate LT (cost based rate)	3375.00	0.7937		per contract
<i>Maximum (optional)</i>	3375.00	1.1233		per contract
<i>Minimum (optional)</i>	3375.00	0.4641		per contract
Rate XLT (cost based rate)	11300.00	0.6554		per contract
<i>Maximum (optional)</i>	11300.00	0.8973		per contract
<i>Minimum (optional)</i>	11300.00	0.4135		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Note 4: The Self Implementation Rate Increase (Case No. U-15985) is implemented on a "service rendered" basis effective January 1, 2010.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

April 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.66292	+ 0.04200	= 0.70492	)=	0.87718
Residential Multi-Family							
Meter Class I	11.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class II	33.00	0.13168	+(0.66292	+ 0.04200	= 0.70492	)=	0.83660
Meter Class III	88.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Meter Class IV	143.00	0.11868	+(0.66292	+ 0.04200	= 0.70492	)=	0.82360
Gas Light Rate-Residential	0.00	0.15987	+(0.66292	+ 0.04200	= 0.70492	)=	0.86479
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Large General Service	477.09	1.00940	+(6.6292	+ 0.4200	= 7.0492	)=	8.05860
GasLight Rate-Commercial	4.70	1.18760	+(6.6292	+ 0.4200	= 7.0492	)=	8.23680
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

April 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.54932	+ 0.02500	+ 0.04568	= 0.62000	)=	0.79337
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.94880
General Service (GS-2)	48.94	1.2813	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.48130
General Service (GS-3)	166.09	1.0062	+(5.49320	+ 0.2500	+ 0.4568	+ 6.2000	)=	7.20620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54932	+ 0.02500	+ 0.04568	= 0.62000	= 0.79909
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.2764
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 8.1497
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4932	+ 0.2500	+ 0.45680	+ 6.20000	= 7.8225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.60386	= 0.70350
Seasonal	10.00	0.09964	+ 0.60386	= 0.70350
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 6.0386	= 6.8900
Small Seasonal	19.28	0.8514	+ 6.0386	= 6.8900
Large	102.09	0.6214	+ 6.0386	= 6.6600
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.7914	1.1714
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	7.9140	11.1140
Large	188.00	1.7500	7.9140	9.6640

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60721	= 0.74171
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0721	= 6.9171
Firm (304?)	482.79	0.8450	+ 6.0721	= 6.9171
Interruptible	126.39	0.3300	+ 6.0721	= 6.4021
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.2537	8.1016 /Mcf	<u>U-15704</u>
Michigan Consolidated Gas Co	<i>Decreased</i>	7.5500	8.4600 /Mcf	<u>U-15701</u>
Michigan Gas Utilities Corp	<i>Increased</i>	7.1000	7.3231 /Mcf	<u>U-15700</u>
Presque Isle E. & G. Coop.	<i>Same</i>	8.8160	8.8160 /Mcf	<u>U-15776</u>
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	5.7500	6.5490 /Dth	<u>U-15703</u>
SEMCO-MPSC Div.	<i>Same</i>	5.6000	7.8394 /Mcf	<u>U-15702</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.7339	7.0857 /Dth	<u>U-16010</u>
Xcel Energy	<i>Same</i>	6.0000	7.2172 /Dth	<u>U-15705</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						
						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company						
- As Currently Billed	7.3953	7.3226	7.2537			/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016			/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	7.8000	7.8000	7.5500			/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.7500	7.0000	7.1000			/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	8.8160	8.8160	8.8160			
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160			
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.7500	5.7500	5.7500			/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490			/Dth
MPSC Division						
- As Currently Billed	5.7500	5.6000	5.6000			/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394			/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed	5.6560	6.2356	5.7339			/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857			/Dth
Xcel Energy						
- As Currently Billed	6.0000	6.0000	6.0000			/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172			/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
-U-16010 - As Filed or As Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.26803	+ 0.72537	= 0.99340	\$108.84	11%
Michigan Consolidated Gas Co	8.50	0.31549	+ 0.75500	= 1.07049	\$115.55	18%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.71000	= 0.88226	\$99.23	1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	40%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.56000	= 0.73337	\$83.34	-15%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.57500	= 0.75409	\$87.65	-11%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.57339	= 0.67303	\$72.30	-26%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-18%
AVERAGE RATE	9.22	0.21530	0.67255	0.88784	\$98.00	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Notes 2-3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.26803	+	0.72537 = 0.99340
Rate A-1 Residential Multi-Family	9.50	0.25554	+	0.72537 = 0.98091
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.26803	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.44330	+	7.2537 = 9.6970
General Service - Rate GS-2	16.00	2.15700	+	7.2537 = 9.4107
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.24570	+	7.2537 = 8.4994
General Service - Rate GS-3 (>100,000 Year)	482.00	1.09220	+	7.2537 = 8.3459
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1099		per contract
ST Optional Maximum Rate		1.6934		per contract
ST Optional Minimum Rate		0.5264		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.9564		per contract
ST Optional Maximum Rate		1.5399		per contract
ST Optional Minimum Rate		0.3729		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.7868		per contract
LT Optional Maximum Rate		1.0851		per contract
LT Optional Minimum Rate		0.4885		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.6333		per contract
LT Optional Maximum Rate		0.9316		per contract
LT Optional Minimum Rate		0.3350		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.6413		per contract
XLT Optional Maximum Rate		0.9091		per contract
XLT Optional Minimum Rate		0.3735		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4878		per contract
XLT Optional Maximum Rate		0.7556		per contract
XLT Optional Minimum Rate		0.2200		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00		includes gas	
2.6 to 4.5 CF/Hr	21.00		includes gas	

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

March 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1),EO surcharges (Note 3), and Self Implementation Surcharges (Note 4)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.31549	+	0.75500 = 1.07049
Residential Multi Family Rate 2A Class 1	8.50	0.24509	+	0.75500 = 1.00009
Residential Multi Family Rate 2A Class 2	20.00	0.28689	+	0.75500 = 1.04189
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.29637	+	0.75500 = 1.05137
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	3.2635	+	7.5500 = 10.8135
Rate GS-2 (<100,000 Mcf)	475.00	2.2816	+	7.5500 = 9.8316
Rate GS-2 (>100,000 Mcf)	475.00	2.1726	+	7.5500 = 9.7226
Rate S	200.00	2.6497	+	7.5500 = 10.1997
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	1.3324		per contract
<i>Maximum (optional)</i>	1300.00	1.9102		per contract
<i>Minimum (optional)</i>	1300.00	0.7546		per contract
Rate LT (cost based rate)	3375.00	0.7937		per contract
<i>Maximum (optional)</i>	3375.00	1.1233		per contract
<i>Minimum (optional)</i>	3375.00	0.4641		per contract
Rate XLT (cost based rate)	11300.00	0.6554		per contract
<i>Maximum (optional)</i>	11300.00	0.8973		per contract
<i>Minimum (optional)</i>	11300.00	0.4135		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Note 4: The Self Implementation Rate Increase (Case No. U-15985) is implemented on a "service rendered" basis effective January 1, 2010.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

March 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.66800	+ 0.04200	= 0.71000	)=	0.88226
Residential Multi-Family							
<i>Meter Class I</i>	11.00	0.13168	+(0.66800	+ 0.04200	= 0.71000	)=	0.84168
<i>Meter Class II</i>	33.00	0.13168	+(0.66800	+ 0.04200	= 0.71000	)=	0.84168
<i>Meter Class III</i>	88.00	0.11868	+(0.66800	+ 0.04200	= 0.71000	)=	0.82868
<i>Meter Class IV</i>	143.00	0.11868	+(0.66800	+ 0.04200	= 0.71000	)=	0.82868
Gas Light Rate-Residential	0.00	0.15987	+(0.66800	+ 0.04200	= 0.71000	)=	0.86987
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.6800	+ 0.4200	= 7.1000	)=	8.28760
Large General Service	477.09	1.00940	+(6.6800	+ 0.4200	= 7.1000	)=	8.10940
GasLight Rate-Commercial	4.70	1.18760	+(6.6800	+ 0.4200	= 7.1000	)=	8.28760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
<i>EO Surcharge</i>	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651				
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
<i>EO Surcharge</i>	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

March 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge					
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.48932	+ 0.02500	+ 0.04568	= 0.56000	)= 0.73337
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(4.89320	+ 0.2500	+ 0.4568	+ 5.6000	)= 7.34880
General Service (GS-2)	48.94	1.2813	+(4.89320	+ 0.2500	+ 0.4568	+ 5.6000	)= 6.88130
General Service (GS-3)	166.09	1.0062	+(4.89320	+ 0.2500	+ 0.4568	+ 5.6000	)= 6.60620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.50432	+ 0.02500	+ 0.04568	= 0.57500	= 0.75409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.8264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.6997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.3725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.57339	= 0.67303
Seasonal	10.00	0.09964	+ 0.57339	= 0.67303
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.7339	= 6.5853
Small Seasonal	19.28	0.8514	+ 5.7339	= 6.5853
Large	102.09	0.6214	+ 5.7339	= 6.3553
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60000	= 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0000	= 6.8450
Firm (304?)	482.79	0.8450	+ 6.0000	= 6.8450
Interruptible	126.39	0.3300	+ 6.0000	= 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.3226	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Same</i>	7.8000	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Increased</i>	7.0000	7.3231 /Mcf	U-15700
Presque Isle E. & G. Coop.	<i>Same</i>	8.8160	8.8160 /Mcf	U-15776
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	5.7500	6.5490 /Dth	U-15703
SEMCO-MPSC Div.	<i>Decreased</i>	5.6000	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	6.2356	7.0857 /Dth	U-16010
Xcel Energy	<i>Same</i>	6.0000	7.2172 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	7.3953	7.3226				/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016			/Mcf
Michigan Consolidated Gas Co						
- As Currently Billed	7.8000	7.8000				/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.7500	7.0000				/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed	8.8160	8.8160				
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160			
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.7500	5.7500				/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490			/Dth
MPSC Division						
- As Currently Billed	5.7500	5.6000				/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394			/Mcf
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.6560	6.2356				/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857			/Dth
Xcel Energy						
- As Currently Billed	6.0000	6.0000				/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172			/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
-U-16010 - As Filed or As Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.27520	+ 0.73226	= 1.00746	\$110.25	11%
Michigan Consolidated Gas Co	8.50	0.31549	+ 0.78000	= 1.09549	\$118.05	19%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.70000	= 0.87226	\$98.23	-1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	39%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.56000	= 0.73337	\$83.34	-16%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.57500	= 0.75409	\$87.65	-11%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.62356	= 0.72320	\$77.32	-22%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-19%
AVERAGE RATE	9.22	0.21619	0.68155	0.89775	\$98.99	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
*including Surcharges (Notes 2-4)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.27520	+	0.73226 = 1.00746
Rate A-1 Residential Multi-Family	9.50	0.26271	+	0.73226 = 0.99497
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.27520	+	per contract
* including EO Surcharge (Note 2)				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.51503	+	7.3226 = 9.8376
General Service - Rate GS-2	16.00	2.22873	+	7.3226 = 9.5513
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.31743	+	7.3226 = 8.6400
General Service - Rate GS-3 (>100,000 Year)	482.00	1.16393	+	7.3226 = 8.4865
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1930		per contract
ST Optional Maximum Rate		1.7765		per contract
ST Optional Minimum Rate		0.6095		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	1.0395		per contract
ST Optional Maximum Rate		1.6230		per contract
ST Optional Minimum Rate		0.4560		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.8699		per contract
LT Optional Maximum Rate		1.1682		per contract
LT Optional Minimum Rate		0.5716		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.7164		per contract
LT Optional Maximum Rate		1.0147		per contract
LT Optional Minimum Rate		0.4181		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.7244		per contract
XLT Optional Maximum Rate		0.9922		per contract
XLT Optional Minimum Rate		0.4566		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.5709		per contract
XLT Optional Maximum Rate		0.8387		per contract
XLT Optional Minimum Rate		0.3031		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Note 4: Effective for the February, 2010 billing month, Customers will pay the PEM/OPEB Surcharge pursuant to U-15401-R

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at Consumersenergy.com](#)

Rates Reference: see

[Rate Books](#) for more details

MICHIGAN CONSOLIDATED GAS COMPANY

February 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1),EO surcharges (Note 3), and Self Implementation Surcharges (Note 4)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.31549	+	0.78000 = 1.09549
Residential Multi Family Rate 2A Class 1	8.50	0.24509	+	0.78000 = 1.02509
Residential Multi Family Rate 2A Class 2	20.00	0.28689	+	0.78000 = 1.06689
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.29637	+	0.78000 = 1.07637
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	3.2635	+	7.8000 = 11.0635
Rate GS-2 (<100,000 Mcf)	475.00	2.2816	+	7.8000 = 10.0816
Rate GS-2 (>100,000 Mcf)	475.00	2.1726	+	7.8000 = 9.9726
Rate S	200.00	2.6497	+	7.8000 = 10.4497
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	1.3324		per contract
<i>Maximum (optional)</i>	1300.00	1.9102		per contract
<i>Minimum (optional)</i>	1300.00	0.7546		per contract
Rate LT (cost based rate)	3375.00	0.7937		per contract
<i>Maximum (optional)</i>	3375.00	1.1233		per contract
<i>Minimum (optional)</i>	3375.00	0.4641		per contract
Rate XLT (cost based rate)	11300.00	0.6554		per contract
<i>Maximum (optional)</i>	11300.00	0.8973		per contract
<i>Minimum (optional)</i>	11300.00	0.4135		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Note 4: The Self Implementation Rate Increase (Case No. U-15985) is implemented on a "service rendered" basis effective January 1, 2010.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

February 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.65800	+ 0.04200	= 0.70000	)=	0.87226
Residential Multi-Family							
Meter Class I	10.00	0.13168	+(0.65800	+ 0.04200	= 0.70000	)=	0.83168
Meter Class II	33.00	0.13168	+(0.65800	+ 0.04200	= 0.70000	)=	0.83168
Meter Class III	88.00	0.11868	+(0.65800	+ 0.04200	= 0.70000	)=	0.81868
Meter Class IV	143.00	0.11868	+(0.65800	+ 0.04200	= 0.70000	)=	0.81868
Gas Light Rate-Residential	0.00	0.15987	+(0.65800	+ 0.04200	= 0.70000	)=	0.85987
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Large General Service	477.09	1.00940	+(6.5800	+ 0.4200	= 7.0000	)=	8.00940
GasLight Rate-Commercial	4.70	1.18760	+(6.5800	+ 0.4200	= 7.0000	)=	8.18760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

February 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.48932	+ 0.02500	+ 0.04568	= 0.56000	)= 0.73337	
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(4.89320	+ 0.2500	+ 0.4568	+ 5.6000	)= 7.34880	
General Service (GS-2)	48.94	1.2813	+(4.89320	+ 0.2500	+ 0.4568	+ 5.6000	)= 6.88130	
General Service (GS-3)	166.09	1.0062	+(4.89320	+ 0.2500	+ 0.4568	+ 5.6000	)= 6.60620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.50432	+ 0.02500	+ 0.04568	= 0.57500	= 0.75409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.8264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.6997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.3725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.62356	= 0.72320
Seasonal	10.00	0.09964	+ 0.62356	= 0.72320
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 6.2356	= 7.0870
Small Seasonal	19.28	0.8514	+ 6.2356	= 7.0870
Large	102.09	0.6214	+ 6.2356	= 6.8570
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60000	= 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0000	= 6.8450
Firm (304?)	482.79	0.8450	+ 6.0000	= 6.8450
Interruptible	126.39	0.3300	+ 6.0000	= 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January 1, 2010

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.3953	8.1016	/Mcf U-15704
Michigan Consolidated Gas Co	<i>Decreased</i>	7.8000	8.4600	/Mcf U-15701
Michigan Gas Utilities Corp	<i>Decreased</i>	6.7500	7.3231	/Mcf U-15700
Presque Isle E. & G. Coop.	<i>Same</i>	8.8160	8.8160	/Mcf U-15776
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	5.7500	6.5490	/Dth U-15703
SEMCO-MPSC Div.	<i>Same</i>	5.7500	7.8394	/Mcf U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.6560	7.0857	/Dth U-16010
Xcel Energy	<i>Same</i>	6.0000	7.2172	/Dth U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January 1, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jan-10 \$/unit	Feb-10 \$/unit	Mar-10 \$/unit	Apr-10 \$/unit	May-10 \$/unit	Jun-10 \$/unit	
Aurora Gas Company *							
		(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *							
		(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company							
- As Currently Billed	7.3953						/Mcf
-U-15704 - As Filed or as Ordered	8.1016	8.1016	8.1016				/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.8000						/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.7500						/Mcf
-U-15700 - As Filed or as Ordered	7.3231	7.3231	7.3231				/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed	8.8160						
-U-15776-As Filed or As Ordered	8.8160	8.8160	8.8160				
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.7500						/Dth
-U-15703 - As Filed or as Ordered	6.5490	6.5490	6.5490				/Dth
MPSC Division							
- As Currently Billed	5.7500						/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394				/Mcf
Superior Energy Company *							
		(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp							
- As Currently Billed	5.6560						/Dth
-U-16010 - As Filed or as Ordered	7.0857	7.0857	7.0857				/Dth
Xcel Energy							
- As Currently Billed	6.0000						/Dth
-U-15705 - As Filed or as Ordered	7.2172	7.2172	7.2172				/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2010

*Calendar Year of GCR Factors*PDF files available: [2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#)

	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed						/Mcf
-U-15776-As Filed or As Ordered						/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered						/Dth
-U-16010 - As Filed or As Ordered						
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January 1, 2010

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	9.50	0.26803	+ 0.73953	= 1.00756	\$110.26	12%
Michigan Consolidated Gas Co	8.50	0.31549	+ 0.78000	= 1.09549	\$118.05	20%
Michigan Gas Utilities Corp	11.00	0.17226	+ 0.67500	= 0.84726	\$95.73	-2%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	40%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.57500	= 0.74837	\$84.84	-14%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.57500	= 0.75409	\$87.65	-11%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.56560	= 0.66524	\$71.52	-27%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-19%
AVERAGE RATE	9.22	0.21530	0.67397	0.88926	\$98.14	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January 1, 2010

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
		*including EO Surcharge (Note 2) & Interim Rate Increase Surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.26803	+ 0.73953	= 1.00756
Rate A-1 Residential Multi-Family	9.50	0.25554	+ 0.73953	= 0.99507
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.26803	+ per contract	
			* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.44330	+ 7.3953	= 9.8386
General Service - Rate GS-2	16.00	2.15700	+ 7.3953	= 9.5523
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.24570	+ 7.3953	= 8.6410
General Service - Rate GS-3 (>100,000 Year)	482.00	1.09220	+ 7.3953	= 8.4875
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1099	per contract	
ST Optional Maximum Rate		1.6934	per contract	
ST Optional Minimum Rate		0.5264	per contract	
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.9564	per contract	
ST Optional Maximum Rate		1.5399	per contract	
ST Optional Minimum Rate		0.3729	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.7868	per contract	
LT Optional Maximum Rate		1.0851	per contract	
LT Optional Minimum Rate		0.4885	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.6333	per contract	
LT Optional Maximum Rate		0.9316	per contract	
LT Optional Minimum Rate		0.3350	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.6413	per contract	
XLT Optional Maximum Rate		0.9091	per contract	
XLT Optional Minimum Rate		0.3735	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4878	per contract	
XLT Optional Maximum Rate		0.7556	per contract	
XLT Optional Minimum Rate		0.2200	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Customer Attachment Program

surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January 1, 2010

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharges (Note 1),EO surcharges (Note 3), and Self Implementation Surcharges (Note 4)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.31549	+	0.78000 = 1.09549
Residential Multi Family Rate 2A Class 1	8.50	0.24509	+	0.78000 = 1.02509
Residential Multi Family Rate 2A Class 2	20.00	0.28689	+	0.78000 = 1.06689
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.29637	+	0.78000 = 1.07637
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	3.2635	+	7.8000 = 11.0635
Rate GS-2 (<100,000 Mcf)	475.00	2.2816	+	7.8000 = 10.0816
Rate GS-2 (>100,000 Mcf)	475.00	2.1726	+	7.8000 = 9.9726
Rate S	200.00	2.6497	+	7.8000 = 10.4497
Customer Choice			From Others	
alternative suppliers	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	1.3324		per contract
<i>Maximum (optional)</i>	1300.00	1.9102		per contract
<i>Minimum (optional)</i>	1300.00	0.7546		per contract
Rate LT (cost based rate)	3375.00	0.7937		per contract
<i>Maximum (optional)</i>	3375.00	1.1233		per contract
<i>Minimum (optional)</i>	3375.00	0.4641		per contract
Rate XLT (cost based rate)	11300.00	0.6554		per contract
<i>Maximum (optional)</i>	11300.00	0.8973		per contract
<i>Minimum (optional)</i>	11300.00	0.4135		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Note 4: The Self Implementation Rate Increase (Case No. U-15985) is implemented on a "service rendered" basis effective January 1, 2010.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

January 1, 2010

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	11.00	0.17226	+(0.63300	+ 0.04200	= 0.67500	)=	0.84726
Residential Multi-Family							
Meter Class I	10.00	0.13168	+(0.63300	+ 0.04200	= 0.67500	)=	0.80668
Meter Class II	33.00	0.13168	+(0.63300	+ 0.04200	= 0.67500	)=	0.80668
Meter Class III	88.00	0.11868	+(0.63300	+ 0.04200	= 0.67500	)=	0.79368
Meter Class IV	143.00	0.11868	+(0.63300	+ 0.04200	= 0.67500	)=	0.79368
Gas Light Rate-Residential	0.00	0.15987	+(0.63300	+ 0.04200	= 0.67500	)=	0.83487
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	36.82	1.18760	+(6.3300	+ 0.4200	= 6.7500	)=	7.93760
Large General Service	477.09	1.00940	+(6.3300	+ 0.4200	= 6.7500	)=	7.75940
GasLight Rate-Commercial	4.70	1.18760	+(6.3300	+ 0.4200	= 6.7500	)=	7.93760
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Ratesatmichigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understandingyourbillatmichigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January 1, 2010

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.50432	+ 0.02500	+ 0.04568	= 0.57500	)= 0.74837	
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 7.49880	
General Service (GS-2)	48.94	1.2813	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 7.03130	
General Service (GS-3)	166.09	1.0062	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 6.75620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.50432	+ 0.02500	+ 0.04568	= 0.57500	= 0.75409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.8264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.6997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.3725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January 1, 2010

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+	0.56560 = 0.66524
Seasonal	10.00	0.09964	+	0.56560 = 0.66524
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+	5.6560 = 6.5074
Small Seasonal	19.28	0.8514	+	5.6560 = 6.5074
Large	102.09	0.6214	+	5.6560 = 6.2774
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+	0.60000 = 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+	6.0000 = 6.8450
Firm (304?)	482.79	0.8450	+	6.0000 = 6.8450
Interruptible	126.39	0.3300	+	6.0000 = 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

December 1, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.3916	8.1016	/Mcf U-15704
Michigan Consolidated Gas Co	<i>Same</i>	7.9800	8.4600	/Mcf U-15701
Michigan Gas Utilities Corp	<i>Same</i>	7.0400	7.3231	/Mcf U-15700
Presque Isle E. & G. Coop.	<i>Same</i>	8.8160	8.8160	/Mcf U-15776
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	5.7500	6.5490	/Dth U-15703
SEMCO-MPSC Div.	<i>Decreased</i>	5.7500	7.8394	/Mcf U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.9101	7.0857	/Dth U-16010
Xcel Energy	<i>Same</i>	6.0000	7.2172	/Dth U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December 1, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or as Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3231	7.3231	7.3231	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3715	7.3580	7.3605	7.2737	7.4091	7.3916	/Mcf
-U-15704 - As Filed or As Ordered	8.1016	8.1016	8.1016	8.1016	8.1016	8.1016	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.1500	7.9000	7.9000	7.9000	7.9800	7.9800	/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.9100	7.0200	7.0200	6.8000	7.0400	7.0400	/Mcf
-U-15700 - As Filed or As Ordered	7.3231	7.3231	7.3231	7.3231	7.3231	7.3231	/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed			8.8160	8.8160	8.8160	8.8160	/Mcf
-U-15776-As Filed or As Ordered			8.8160	8.8160	8.8160	8.8160	/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.9000	6.2500	6.2500	5.7500	5.9500	5.7500	/Dth
-U-15703 - As Filed or As Ordered	6.5490	6.5490	6.5490	6.5490	6.5490	6.5490	/Dth
MPSC Division							
- As Currently Billed	6.2500	6.2500	6.2500	5.7500	5.9500	5.7500	/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.1504	5.7690	5.1845	5.2016	5.9694	5.9101	/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584			/Dth
-U-16010 - As Filed or As Ordered					7.0857	7.0857	
Xcel Energy							
- As Currently Billed	7.5946	7.2172	7.2172	6.0000	6.0000	6.0000	/Dth
-U-15705 - As Filed or As Ordered	7.5946	7.5946	7.5946	7.2172	7.2172	7.2172	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December 1, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.26803	+ 0.73916	= 1.00719	\$110.22	13%
Michigan Consolidated Gas Co	8.50	0.23093	+ 0.79800	= 1.02893	\$111.39	14%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.70400	= 0.86972	\$96.97	-1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	40%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.57500	= 0.74837	\$84.84	-13%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.57500	= 0.75409	\$87.65	-10%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.59101	= 0.69065	\$74.07	-24%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-18%
AVERAGE RATE	9.09	0.20391	0.68297	0.88688	\$97.78	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December 1, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
		*including EO Surcharge (Note 2) & Interim Rate Increase Surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.26803	+	0.73916 = 1.00719
Rate A-1 Residential Multi-Family	9.50	0.25554	+	0.73916 = 0.99470
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.26803	+	per contract * including EO Surcharge (Note 2)
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.44330	+	7.3916 = 9.8349
General Service - Rate GS-2	16.00	2.15700	+	7.3916 = 9.5486
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.24570	+	7.3916 = 8.6373
General Service - Rate GS-3 (>100,000 Year)	482.00	1.09220	+	7.3916 = 8.4838
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1099		per contract
ST Optional Maximum Rate		1.6934		per contract
ST Optional Minimum Rate		0.5264		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.9564		per contract
ST Optional Maximum Rate		1.5399		per contract
ST Optional Minimum Rate		0.3729		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.7868		per contract
LT Optional Maximum Rate		1.0851		per contract
LT Optional Minimum Rate		0.4885		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.6333		per contract
LT Optional Maximum Rate		0.9316		per contract
LT Optional Minimum Rate		0.3350		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.6413		per contract
XLT Optional Maximum Rate		0.9091		per contract
XLT Optional Minimum Rate		0.3735		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4878		per contract
XLT Optional Maximum Rate		0.7556		per contract
XLT Optional Minimum Rate		0.2200		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Customer Attachment Program

surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

December 1, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.23093	+	0.79800 = 1.02893
Residential Multi Family Rate 2A Class 1	8.50	0.19493	+	0.79800 = 0.99293
Residential Multi Family Rate 2A Class 2	20.00	0.22815	+	0.79800 = 1.02615
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.23093	+	0.79800 = 1.02893
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.5162	+	7.9800 = 10.4962
Rate GS-2 (<100,000 Mcf)	475.00	1.6640	+	7.9800 = 9.6440
Rate GS-2 (>100,000 Mcf)	475.00	1.5550	+	7.9800 = 9.5350
Rate S	200.00	1.9003	+	7.9800 = 9.8803
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8972		per contract
<i>Maximum (optional)</i>	1300.00	1.4750		per contract
<i>Minimum (optional)</i>	1300.00	0.3194		per contract
Rate LT (cost based rate)	3375.00	0.6054		per contract
<i>Maximum (optional)</i>	3375.00	0.9350		per contract
<i>Minimum (optional)</i>	3375.00	0.2758		per contract
Rate XLT (cost based rate)	11300.00	0.4661		per contract
<i>Maximum (optional)</i>	11300.00	0.7080		per contract
<i>Minimum (optional)</i>	11300.00	0.2242		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (2007 UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Distribution charges also include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

December 1, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.66200	+ 0.04200	= 0.70400	)=	0.86972
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.66200	+ 0.04200	= 0.70400	)=	0.83139
Meter Class II	30.00	0.12739	+(0.66200	+ 0.04200	= 0.70400	)=	0.83139
Meter Class III	80.00	0.11739	+(0.66200	+ 0.04200	= 0.70400	)=	0.82139
Meter Class IV	130.00	0.11739	+(0.66200	+ 0.04200	= 0.70400	)=	0.82139
Gas Light Rate-Residential	0.00	0.15333	+(0.66200	+ 0.04200	= 0.70400	)=	0.85733
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.6200	+ 0.4200	= 7.0400	)=	8.19000
Large General Service	452.09	1.00000	+(6.6200	+ 0.4200	= 7.0400	)=	8.04000
GasLight Rate-Commercial	4.70	1.15000	+(6.6200	+ 0.4200	= 7.0400	)=	8.19000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

December 1, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.50432	+ 0.02500	+ 0.04568	= 0.57500	)= 0.74837	
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 7.49880	
General Service (GS-2)	48.94	1.2813	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 7.03130	
General Service (GS-3)	166.09	1.0062	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 6.75620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.50432	+ 0.02500	+ 0.04568	= 0.57500	= 0.75409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.8264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.6997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.0432	+ 0.2500	+ 0.45680	+ 5.75000	= 7.3725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December 1, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.59101	= 0.69065
Seasonal	10.00	0.09964	+ 0.59101	= 0.69065
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.9101	= 6.7615
Small Seasonal	19.28	0.8514	+ 5.9101	= 6.7615
Large	102.09	0.6214	+ 5.9101	= 6.5315
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60000	= 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0000	= 6.8450
Firm (304?)	482.79	0.8450	+ 6.0000	= 6.8450
Interruptible	126.39	0.3300	+ 6.0000	= 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November 19, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.4091	8.1016	/Mcf U-15704
Michigan Consolidated Gas Co	<i>Increased</i>	7.9800	8.4600	/Mcf U-15701
Michigan Gas Utilities Corp	<i>Increased</i>	7.0400	7.3285	/Mcf U-15700
Presque Isle E. & G. Coop.	<i>Same</i>	8.8160	8.8160	/Mcf U-15776
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	5.9500	6.5490	/Dth U-15703
SEMCO-MPSC Div.	<i>Increased</i>	5.9500	7.8394	/Mcf U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.9694	9.2584	/Dth U-16010
Xcel Energy	<i>Same</i>	6.0000	7.2172	/Dth U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November 19, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or as Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3231	7.3231	7.3231	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2009

Calendar Year of GCR Factors

PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3715	7.3580	7.3605	7.2737	7.4091		/Mcf
-U-15704 - As Filed or As Ordered	8.1016	8.1016	8.1016	8.1016	8.1016		/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.1500	7.9000	7.9000	7.9000	7.9800		/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600	8.4600	8.4600		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.9100	7.0200	7.0200	6.8000	7.0400		/Mcf
-U-15700 - As Filed or As Ordered	7.3231	7.3231	7.3231	7.3231	7.3231		/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed			8.8160	8.8160	8.8160		/Mcf
-U-15776-As Filed or As Ordered			8.8160	8.8160	8.8160		/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.9000	6.2500	6.2500	5.7500	5.9500		/Dth
-U-15703 - As Filed or As Ordered	6.5490	6.5490	6.5490	6.5490	6.5490		/Dth
MPSC Division							
- As Currently Billed	6.2500	6.2500	6.2500	5.7500	5.9500		/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394	7.8394	7.8394		/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.1504	5.7690	5.1845	5.2016	5.9694		/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584			/Dth
-U-16010 - As Filed or As Ordered					7.0857		
Xcel Energy							
- As Currently Billed	7.5946	7.2172	7.2172	6.0000	6.0000		/Dth
-U-15705 - As Filed or As Ordered	7.5946	7.5946	7.5946	7.2172	7.2172		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November 19, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.26803	+ 0.74091	= 1.00894	\$110.39	12%
Michigan Consolidated Gas Co	8.50	0.23093	+ 0.79800	= 1.02893	\$111.39	13%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.70400	= 0.86972	\$96.97	-1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	39%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.59500	= 0.76837	\$86.84	-12%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.59500	= 0.77409	\$89.65	-9%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.59694	= 0.69658	\$74.66	-24%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-19%
AVERAGE RATE	9.09	0.20391	0.68893	0.89284	\$98.38	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November 19, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
		*including EO Surcharge (Note 2) & Interim Rate Increase Surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.26803	+ 0.74091	= 1.00894
Rate A-1 Residential Multi-Family	9.50	0.25554	+ 0.74091	= 0.99645
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.26803	+ per contract	
			* including EO Surcharge (Note 2)	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.44330	+ 7.4091	= 9.8524
General Service - Rate GS-2	16.00	2.15700	+ 7.4091	= 9.5661
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.24570	+ 7.4091	= 8.6548
General Service - Rate GS-3 (>100,000 Year)	482.00	1.09220	+ 7.4091	= 8.5013
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	1.1099	per contract	
ST Optional Maximum Rate		1.6934	per contract	
ST Optional Minimum Rate		0.5264	per contract	
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.9564	per contract	
ST Optional Maximum Rate		1.5399	per contract	
ST Optional Minimum Rate		0.3729	per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.7868	per contract	
LT Optional Maximum Rate		1.0851	per contract	
LT Optional Minimum Rate		0.4885	per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.6333	per contract	
LT Optional Maximum Rate		0.9316	per contract	
LT Optional Minimum Rate		0.3350	per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.6413	per contract	
XLT Optional Maximum Rate		0.9091	per contract	
XLT Optional Minimum Rate		0.3735	per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4878	per contract	
XLT Optional Maximum Rate		0.7556	per contract	
XLT Optional Minimum Rate		0.2200	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Note 3: Effective November 19, 2009 Customers will pay the Interim Rate Increase Surcharge pursuant to U-15986

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November 19, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.23093	+	0.79800 = 1.02893
Residential Multi Family Rate 2A Class 1	8.50	0.19493	+	0.79800 = 0.99293
Residential Multi Family Rate 2A Class 2	20.00	0.22815	+	0.79800 = 1.02615
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.23093	+	0.79800 = 1.02893
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.5162	+	7.9800 = 10.4962
Rate GS-2 (<100,000 Mcf)	475.00	1.6640	+	7.9800 = 9.6440
Rate GS-2 (>100,000 Mcf)	475.00	1.5550	+	7.9800 = 9.5350
Rate S	200.00	1.9003	+	7.9800 = 9.8803
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8972		per contract
<i>Maximum (optional)</i>	1300.00	1.4750		per contract
<i>Minimum (optional)</i>	1300.00	0.3194		per contract
Rate LT (cost based rate)	3375.00	0.6054		per contract
<i>Maximum (optional)</i>	3375.00	0.9350		per contract
<i>Minimum (optional)</i>	3375.00	0.2758		per contract
Rate XLT (cost based rate)	11300.00	0.4661		per contract
<i>Maximum (optional)</i>	11300.00	0.7080		per contract
<i>Minimum (optional)</i>	11300.00	0.2242		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (2007 UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Distribution charges also include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

November 19, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.66200	+ 0.04200	= 0.70400	)=	0.86972
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.66200	+ 0.04200	= 0.70400	)=	0.83139
Meter Class II	30.00	0.12739	+(0.66200	+ 0.04200	= 0.70400	)=	0.83139
Meter Class III	80.00	0.11739	+(0.66200	+ 0.04200	= 0.70400	)=	0.82139
Meter Class IV	130.00	0.11739	+(0.66200	+ 0.04200	= 0.70400	)=	0.82139
Gas Light Rate-Residential	0.00	0.15333	+(0.66200	+ 0.04200	= 0.70400	)=	0.85733
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.6200	+ 0.4200	= 7.0400	)=	8.19000
Large General Service	452.09	1.00000	+(6.6200	+ 0.4200	= 7.0400	)=	8.04000
GasLight Rate-Commercial	4.70	1.15000	+(6.6200	+ 0.4200	= 7.0400	)=	8.19000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

November 19, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.52432	+ 0.02500	+ 0.04568	= 0.59500	)=	0.76837
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.24320	+ 0.2500	+ 0.4568	+ 5.9500	)=	7.69880
General Service (GS-2)	48.94	1.2813	+(5.24320	+ 0.2500	+ 0.4568	+ 5.9500	)=	7.23130
General Service (GS-3)	166.09	1.0062	+(5.24320	+ 0.2500	+ 0.4568	+ 5.9500	)=	6.95620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.52432	+ 0.02500	+ 0.04568	= 0.59500	= 0.77409
Customer Choice alternate suppliers	11.00	1.24	0.17909	From Others	+ 0.02500	+ 0.04568	+	
				+ per contract				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.2432	+ 0.2500	+ 0.45680	+ 5.95000	= 8.0264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.2432	+ 0.2500	+ 0.45680	+ 5.95000	= 7.8997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.2432	+ 0.2500	+ 0.45680	+ 5.95000	= 7.5725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November 19, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.59694	= 0.69658
Seasonal	10.00	0.09964	+ 0.59694	= 0.69658
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.9694	= 6.8208
Small Seasonal	19.28	0.8514	+ 5.9694	= 6.8208
Large	102.09	0.6214	+ 5.9694	= 6.5908
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60000	= 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0000	= 6.8450
Firm (304?)	482.79	0.8450	+ 6.0000	= 6.8450
Interruptible	126.39	0.3300	+ 6.0000	= 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.4091	8.1016	/Mcf U-15704
Michigan Consolidated Gas Co	<i>Increased</i>	7.9800	8.4600	/Mcf U-15701
Michigan Gas Utilities Corp	<i>Increased</i>	7.0400	7.3285	/Mcf U-15700
Presque Isle E. & G. Coop.	<i>Same</i>	8.8160	8.8160	/Mcf U-15776
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	5.9500	6.5490	/Dth U-15703
SEMCO-MPSC Div.	<i>Increased</i>	5.9500	7.8394	/Mcf U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.9694	9.2584	/Dth U-16010
Xcel Energy	<i>Same</i>	6.0000	7.2172	/Dth U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3231	7.3231	7.3231	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2009

Calendar Year of GCR Factors

PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09 \$/unit	Aug-09 \$/unit	Sep-09 \$/unit	Oct-09 \$/unit	Nov-09 \$/unit	Dec-09 \$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.3715	7.3580	7.3605	7.2737	7.4091		/Mcf
-U-15704 - As Filed or As Ordered	8.1016	8.1016	8.1016	8.1016	8.1016		/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.1500	7.9000	7.9000	7.9000	7.9800		/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600	8.4600	8.4600		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	6.9100	7.0200	7.0200	6.8000	7.0400		/Mcf
-U-15700 - As Filed or As Ordered	7.3231	7.3231	7.3231	7.3231	7.3231		/Mcf
Presque Isle E. & G. Coop.							
-As Currently Billed			8.8160	8.8160	8.8160		/Mcf
-U-15776-As Filed or As Ordered			8.8160	8.8160	8.8160		/Mcf
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	5.9000	6.2500	6.2500	5.7500	5.9500		/Dth
-U-15703 - As Filed or As Ordered	6.5490	6.5490	6.5490	6.5490	6.5490		/Dth
MPSC Division							
- As Currently Billed	6.2500	6.2500	6.2500	5.7500	5.9500		/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394	7.8394	7.8394		/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	5.1504	5.7690	5.1845	5.2016	5.9694		/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584			/Dth
-U-16010 - As Filed or As Ordered					7.0857		
Xcel Energy							
- As Currently Billed	7.5946	7.2172	7.2172	6.0000	6.0000		/Dth
-U-15705 - As Filed or As Ordered	7.5946	7.5946	7.5946	7.2172	7.2172		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.22541	+ 0.74091	= 0.96632	\$106.13	8%
Michigan Consolidated Gas Co	8.50	0.23093	+ 0.79800	= 1.02893	\$111.39	14%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.70400	= 0.86972	\$96.97	-1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	40%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.59500	= 0.76837	\$86.84	-11%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.59500	= 0.77409	\$89.65	-8%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.59694	= 0.69658	\$74.66	-24%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-18%
AVERAGE RATE	9.09	0.19858	0.68893	0.88751	\$97.84	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including EO Surcharge (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.22541	+	0.74091 = 0.96632
Rate A-1 Residential Multi-Family	9.50	0.22541	+	0.74091 = 0.96632
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.22541	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.08470	+	7.4091 = 9.4938
General Service - Rate GS-2	16.00	1.90650	+	7.4091 = 9.3156
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.06540	+	7.4091 = 8.4745
General Service - Rate GS-3 (>100,000 Year)	482.00	0.91190	+	7.4091 = 8.3210
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	0.9723		per contract
ST Optional Maximum Rate		1.5558		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.8188		per contract
ST Optional Maximum Rate		1.4023		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.6871		per contract
LT Optional Maximum Rate		0.9854		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.5336		per contract
LT Optional Maximum Rate		0.8319		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.5766		per contract
XLT Optional Maximum Rate		0.8444		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4231		per contract
XLT Optional Maximum Rate		0.6909		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.23093	+	0.79800 = 1.02893
Residential Multi Family Rate 2A Class 1	8.50	0.19493	+	0.79800 = 0.99293
Residential Multi Family Rate 2A Class 2	20.00	0.22815	+	0.79800 = 1.02615
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.23093	+	0.79800 = 1.02893
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.5162	+	7.9800 = 10.4962
Rate GS-2 (<100,000 Mcf)	475.00	1.6640	+	7.9800 = 9.6440
Rate GS-2 (>100,000 Mcf)	475.00	1.5550	+	7.9800 = 9.5350
Rate S	200.00	1.9003	+	7.9800 = 9.8803
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8972		per contract
<i>Maximum (optional)</i>	1300.00	1.4750		per contract
<i>Minimum (optional)</i>	1300.00	0.3194		per contract
Rate LT (cost based rate)	3375.00	0.6054		per contract
<i>Maximum (optional)</i>	3375.00	0.9350		per contract
<i>Minimum (optional)</i>	3375.00	0.2758		per contract
Rate XLT (cost based rate)	11300.00	0.4661		per contract
<i>Maximum (optional)</i>	11300.00	0.7080		per contract
<i>Minimum (optional)</i>	11300.00	0.2242		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (2007 UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Distribution charges also include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

November, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.66200	+ 0.04200	= 0.70400	)=	0.86972
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.66200	+ 0.04200	= 0.70400	)=	0.83139
Meter Class II	30.00	0.12739	+(0.66200	+ 0.04200	= 0.70400	)=	0.83139
Meter Class III	80.00	0.11739	+(0.66200	+ 0.04200	= 0.70400	)=	0.82139
Meter Class IV	130.00	0.11739	+(0.66200	+ 0.04200	= 0.70400	)=	0.82139
Gas Light Rate-Residential	0.00	0.15333	+(0.66200	+ 0.04200	= 0.70400	)=	0.85733
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.6200	+ 0.4200	= 7.0400	)=	8.19000
Large General Service	452.09	1.00000	+(6.6200	+ 0.4200	= 7.0400	)=	8.04000
GasLight Rate-Commercial	4.70	1.15000	+(6.6200	+ 0.4200	= 7.0400	)=	8.19000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

November, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.52432	+ 0.02500	+ 0.04568	= 0.59500	)=	0.76837
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.24320	+ 0.2500	+ 0.4568	+ 5.9500	)=	7.69880
General Service (GS-2)	48.94	1.2813	+(5.24320	+ 0.2500	+ 0.4568	+ 5.9500	)=	7.23130
General Service (GS-3)	166.09	1.0062	+(5.24320	+ 0.2500	+ 0.4568	+ 5.9500	)=	6.95620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.52432	+ 0.02500	+ 0.04568	= 0.59500	= 0.77409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.04568	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.2432	+ 0.2500	+ 0.45680	+ 5.95000	= 8.0264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.2432	+ 0.2500	+ 0.45680	+ 5.95000	= 7.8997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.2432	+ 0.2500	+ 0.45680	+ 5.95000	= 7.5725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.59694	= 0.69658
Seasonal	10.00	0.09964	+ 0.59694	= 0.69658
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.9694	= 6.8208
Small Seasonal	19.28	0.8514	+ 5.9694	= 6.8208
Large	102.09	0.6214	+ 5.9694	= 6.5908
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60000	= 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0000	= 6.8450
Firm (304?)	482.79	0.8450	+ 6.0000	= 6.8450
Interruptible	126.39	0.3300	+ 6.0000	= 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at \[xcelenergy.com\]\(http://xcelenergy.com\)](#)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.2737	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Same</i>	7.9000	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Decreased</i>	6.8000	7.3285 /Mcf	U-15700
Presque Isle E. & G. Coop.	<i>Original</i>	8.8160	8.8160 /Mcf	U-15776
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	5.7500	6.5490 /Dth	U-15703
SEMCO-MPSC Div.	<i>Decreased</i>	5.7500	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.2016	9.2584 /Dth	U-15622
Xcel Energy	<i>Decreased</i>	6.0000	7.2172 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or as Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285	7.3285	7.3285	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2009

Calendar Year of GCR Factors

PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09 \$/unit	Aug-09 \$/unit	Sep-09 \$/unit	Oct-09 \$/unit	Nov-09 \$/unit	Dec-09 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	7.3715	7.3580	7.3605	7.2737		/Mcf
-U-15704 - As Filed or As Ordered	8.1016	8.1016	8.1016	8.1016		/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	8.1500	7.9000	7.9000	7.9000		/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600	8.4600		/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.9100	7.0200	7.0200	6.8000		/Mcf
-U-15700 - As Filed or As Ordered	7.3285	7.3285	7.3285	7.3285		/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed			8.8160	8.8160		/Mcf
-U-15776-As Filed or As Ordered			8.8160	8.8160		/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.9000	6.2500	6.2500	5.7500		/Dth
-U-15703 - As Filed or As Ordered	6.5490	6.5490	6.5490	6.5490		/Dth
MPSC Division						
- As Currently Billed	6.2500	6.2500	6.2500	5.7500		/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394	7.8394		/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.1504	5.7690	5.1845	5.2016		/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584		/Dth
Xcel Energy						
- As Currently Billed	7.5946	7.2172	7.2172	6.0000		/Dth
-U-15705 - As Filed or As Ordered	7.5946	7.5946	7.5946	7.2172		/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.50	0.22541	+ 0.72737	= 0.95278	\$104.78	9%
Michigan Consolidated Gas Co	8.50	0.23093	+ 0.79000	= 1.02093	\$110.59	15%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.68000	= 0.84572	\$94.57	-1%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	43%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.57500	= 0.74837	\$84.84	-11%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.57500	= 0.75409	\$87.65	-9%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.52016	= 0.61980	\$66.98	-30%
Xcel Energy	6.50	0.13450	+ 0.60000	= 0.73450	\$79.95	-17%
AVERAGE RATE	9.09	0.19858	0.66864	0.86722	\$95.81	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including EO Surcharge (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.22541	+	0.72737 = 0.95278
Rate A-1 Residential Multi-Family	9.50	0.22541	+	0.72737 = 0.95278
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.22541	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.08470	+	7.2737 = 9.3584
General Service - Rate GS-2	16.00	1.90650	+	7.2737 = 9.1802
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.06540	+	7.2737 = 8.3391
General Service - Rate GS-3 (>100,000 Year)	482.00	0.91190	+	7.2737 = 8.1856
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	0.9723		per contract
ST Optional Maximum Rate		1.5558		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.8188		per contract
ST Optional Maximum Rate		1.4023		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.6871		per contract
LT Optional Maximum Rate		0.9854		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.5336		per contract
LT Optional Maximum Rate		0.8319		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.5766		per contract
XLT Optional Maximum Rate		0.8444		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4231		per contract
XLT Optional Maximum Rate		0.6909		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.23093	+	0.79000 = 1.02093
Residential Multi Family Rate 2A Class 1	8.50	0.19493	+	0.79000 = 0.98493
Residential Multi Family Rate 2A Class 2	20.00	0.22815	+	0.79000 = 1.01815
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.23093	+	0.79000 = 1.02093
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.5162	+	7.9000 = 10.4162
Rate GS-2 (<100,000 Mcf)	475.00	1.6640	+	7.9000 = 9.5640
Rate GS-2 (>100,000 Mcf)	475.00	1.5550	+	7.9000 = 9.4550
Rate S	200.00	1.9003	+	7.9000 = 9.8003
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8972		per contract
<i>Maximum (optional)</i>	1300.00	1.4750		per contract
<i>Minimum (optional)</i>	1300.00	0.3194		per contract
Rate LT (cost based rate)	3375.00	0.6054		per contract
<i>Maximum (optional)</i>	3375.00	0.9350		per contract
<i>Minimum (optional)</i>	3375.00	0.2758		per contract
Rate XLT (cost based rate)	11300.00	0.4661		per contract
<i>Maximum (optional)</i>	11300.00	0.7080		per contract
<i>Minimum (optional)</i>	11300.00	0.2242		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (2007 UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Distribution charges also include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

October, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.63800	+ 0.04200	= 0.68000	)=	0.84572
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.63800	+ 0.04200	= 0.68000	)=	0.80739
Meter Class II	30.00	0.12739	+(0.63800	+ 0.04200	= 0.68000	)=	0.80739
Meter Class III	80.00	0.11739	+(0.63800	+ 0.04200	= 0.68000	)=	0.79739
Meter Class IV	130.00	0.11739	+(0.63800	+ 0.04200	= 0.68000	)=	0.79739
Gas Light Rate-Residential	0.00	0.15333	+(0.63800	+ 0.04200	= 0.68000	)=	0.83333
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.3800	+ 0.4200	= 6.8000	)=	7.95000
Large General Service	452.09	1.00000	+(6.3800	+ 0.4200	= 6.8000	)=	7.80000
GasLight Rate-Commercial	4.70	1.15000	+(6.3800	+ 0.4200	= 6.8000	)=	7.95000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

October, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.50432	+ 0.02500	+ 0.04568	= 0.57500	)= 0.74837	
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 7.49880	
General Service (GS-2)	48.94	1.2813	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 7.03130	
General Service (GS-3)	166.09	1.0062	+(5.04320	+ 0.2500	+ 0.4568	+ 5.7500	)= 6.75620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge		
				\$/Dth	\$/Dth	\$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.49636	+ 0.02500	+ 0.05364	= 0.57500	= 0.75409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.05364	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 4.9636	+ 0.2500	+ 0.53640	+ 5.75000	= 7.8264
General Service (GS-2)	38.94	13.08	1.9497	+ 4.9636	+ 0.2500	+ 0.53640	+ 5.75000	= 7.6997
General Service (GS-3)	166.09	59.01	1.6225	+ 4.9636	+ 0.2500	+ 0.53640	+ 5.75000	= 7.3725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.52016	= 0.61980
Seasonal	10.00	0.09964	+ 0.52016	= 0.61980
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.2016	= 6.0530
Small Seasonal	19.28	0.8514	+ 5.2016	= 6.0530
Large	102.09	0.6214	+ 5.2016	= 5.8230
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Firm Comm & Industrial				
Small	16.00	3.2000	8.8160	12.0160
Large	188.00	1.7500	8.8160	10.5660

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.60000	= 0.73450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 6.0000	= 6.8450
Firm (304?)	482.79	0.8450	+ 6.0000	= 6.8450
Interruptible	126.39	0.3300	+ 6.0000	= 6.3300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more detailsRate Information at xcelenergy.com

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**PRESQUE ISLE ELECTRIC & GAS Coop ***[Contact Presque Isle E&G Coop](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.3605	8.1016 /Mcf	<u>U-15704</u>
Michigan Consolidated Gas Co	<i>Same</i>	7.9000	8.4600 /Mcf	<u>U-15701</u>
Michigan Gas Utilities Corp	<i>Same</i>	7.0200	7.3285 /Mcf	<u>U-15700</u>
Presque Isle E. & G. Coop.	<i>Original</i>	8.8160	8.8160 /Mcf	<u>U-15776</u>
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	6.2500	6.5490 /Dth	<u>U-15703</u>
SEMCO-MPSC Div.	<i>Same</i>	6.2500	7.8394 /Mcf	<u>U-15702</u>
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.1845	9.2584 /Dth	<u>U-15622</u>
Xcel Energy	<i>Same</i>	7.2172	7.5946 /Dth	<u>U-15705</u>

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285	7.3285	7.3285	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2009

Calendar Year of GCR Factors

PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09 \$/unit	Aug-09 \$/unit	Sep-09 \$/unit	Oct-09 \$/unit	Nov-09 \$/unit	Dec-09 \$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed	7.3715	7.3580	7.3605			/Mcf
-U-15704 - As Filed or As Ordered	8.1016	8.1016	8.1016			/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	8.1500	7.9000	7.9000			/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600	8.4600			/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.9100	7.0200	7.0200			/Mcf
-U-15700 - As Filed or As Ordered	7.3285	7.3285	7.3285			/Mcf
Presque Isle E. & G. Coop.						
-As Currently Billed			8.8160			/Mcf
-U-15776-As Filed or As Ordered			8.8160			/Mcf
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.9000	6.2500	6.2500			/Dth
-U-15703 - As Filed or As Ordered	6.5490	6.5490	6.5490			/Dth
MPSC Division						
- As Currently Billed	6.2500	6.2500	6.2500			/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394	7.8394			/Mcf
Superior Energy Company *						
Wisc Public Service Corp						
- As Currently Billed	5.1504	5.7690	5.1845			/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584		/Dth
Xcel Energy						
- As Currently Billed	7.5946	7.2172	7.2172			/Dth
-U-15705 - As Filed or As Ordered	7.5946	7.5946	7.5946			/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	9.50	0.22541	+ 0.73605	= 0.96146	\$105.65	7%
Michigan Consolidated Gas Co	8.50	0.23093	+ 0.79000	= 1.02093	\$110.59	12%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.70200	= 0.86772	\$96.77	-2%
Presque Isle E. & G. Coop.	11.00	0.3800	0.8816	1.26160	\$137.16	39%
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62500	= 0.79837	\$89.84	-9%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62500	= 0.80409	\$92.65	-6%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.51845	= 0.61809	\$66.81	-32%
Xcel Energy	6.50	0.13450	+ 0.72172	= 0.85622	\$92.12	-7%
AVERAGE RATE	9.09	0.19858	0.69998	0.89856	\$98.95	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including EO Surcharge (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.22541	+	0.73605 = 0.96146
Rate A-1 Residential Multi-Family	9.50	0.22541	+	0.73605 = 0.96146
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.22541	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.08470	+	7.3605 = 9.4452
General Service - Rate GS-2	16.00	1.90650	+	7.3605 = 9.2670
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.06540	+	7.3605 = 8.4259
General Service - Rate GS-3 (>100,000 Year)	482.00	0.91190	+	7.3605 = 8.2724
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	0.9723		per contract
ST Optional Maximum Rate		1.5558		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.8188		per contract
ST Optional Maximum Rate		1.4023		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.6871		per contract
LT Optional Maximum Rate		0.9854		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.5336		per contract
LT Optional Maximum Rate		0.8319		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.5766		per contract
XLT Optional Maximum Rate		0.8444		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4231		per contract
XLT Optional Maximum Rate		0.6909		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

September, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharges (Note 1) and EO surcharge (Note 3)		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.23093	+	0.79000 = 1.02093
Residential Multi Family Rate 2A Class 1	8.50	0.19493	+	0.79000 = 0.98493
Residential Multi Family Rate 2A Class 2	20.00	0.22815	+	0.79000 = 1.01815
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.23093	+	0.79000 = 1.02093
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.5162	+	7.9000 = 10.4162
Rate GS-2 (<100,000 Mcf)	475.00	1.6640	+	7.9000 = 9.5640
Rate GS-2 (>100,000 Mcf)	475.00	1.5550	+	7.9000 = 9.4550
Rate S	200.00	1.9003	+	7.9000 = 9.8003
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8972		per contract
<i>Maximum (optional)</i>	1300.00	1.4750		per contract
<i>Minimum (optional)</i>	1300.00	0.3194		per contract
Rate LT (cost based rate)	3375.00	0.6054		per contract
<i>Maximum (optional)</i>	3375.00	0.9350		per contract
<i>Minimum (optional)</i>	3375.00	0.2758		per contract
Rate XLT (cost based rate)	11300.00	0.4661		per contract
<i>Maximum (optional)</i>	11300.00	0.7080		per contract
<i>Minimum (optional)</i>	11300.00	0.2242		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (2007 UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Distribution charges also include the 2008 UETM effective for 15 months of service rendered, commencing on Sept 1, 2009.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

September, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)							
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.66000	+ 0.04200	= 0.70200	)=	0.86772
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.66000	+ 0.04200	= 0.70200	)=	0.82939
Meter Class II	30.00	0.12739	+(0.66000	+ 0.04200	= 0.70200	)=	0.82939
Meter Class III	80.00	0.11739	+(0.66000	+ 0.04200	= 0.70200	)=	0.81939
Meter Class IV	130.00	0.11739	+(0.66000	+ 0.04200	= 0.70200	)=	0.81939
Gas Light Rate-Residential	0.00	0.15333	+(0.66000	+ 0.04200	= 0.70200	)=	0.85533
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.6000	+ 0.4200	= 7.0200	)=	8.17000
Large General Service	452.09	1.00000	+(6.6000	+ 0.4200	= 7.0200	)=	8.02000
GasLight Rate-Commercial	4.70	1.15000	+(6.6000	+ 0.4200	= 7.0200	)=	8.17000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

September, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.55432	+ 0.02500	+ 0.04568	= 0.62500	)=	0.79837
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.99880
General Service (GS-2)	48.94	1.2813	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.53130
General Service (GS-3)	166.09	1.0062	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.25620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54636	+ 0.02500	+ 0.05364	= 0.62500	= 0.80409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.05364	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4636	+ 0.2500	+ 0.53640	+ 6.25000	= 8.3264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4636	+ 0.2500	+ 0.53640	+ 6.25000	= 8.1997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4636	+ 0.2500	+ 0.53640	+ 6.25000	= 7.8725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.51845	= 0.61809
Seasonal	10.00	0.09964	+ 0.51845	= 0.61809
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.1845	= 6.0359
Small Seasonal	19.28	0.8514	+ 5.1845	= 6.0359
Large	102.09	0.6214	+ 5.1845	= 5.8059
Rate Information at wisconsinpublicservice.com				
Rates Reference: see Rate Books for more details				

PRESQUE ISLE ELECTRIC & GAS COOP

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service				
Year-Round	11.00	0.3800	0.8816	1.2616
COMMERCIAL & INDUSTRIAL SERVICE				
Sales				
Firm Comm & Industrial				
Small	16.00	0.3200	0.8816	1.2016
Large	188.00	0.1750	0.8816	1.0566

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.72172	= 0.85622
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 7.2172	= 8.0622
Firm (304?)	482.79	0.8450	+ 7.2172	= 8.0622
Interruptible	126.39	0.3300	+ 7.2172	= 7.5472
Transportation				
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more detailsRate Information at xcelenergy.com

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**PRESQUE ISLE ELECTRIC & GAS Coop ***[Contact Presque Isle E&G Coop](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.3580	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Decreased</i>	7.9000	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Increased</i>	7.0200	7.3285 /Mcf	U-15700
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	6.2500	6.5490 /Dth	U-15703
SEMCO-MPSC Div.	<i>Same</i>	6.2500	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	5.7690	9.2584 /Dth	U-15622
Xcel Energy	<i>Decreased</i>	7.2172	7.5946 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285	7.3285	7.3285	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *						
		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	7.3715	7.3580				/Mcf
-U-15704 - As Filed or As Ordered	8.1016	8.1016				/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	8.1500	7.9000				/Mcf
-U-15701 - As Filed or As Ordered	8.4600	8.4600				/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.9100	7.0200				/Mcf
-U-15700 - As Filed or As Ordered	7.3285	7.3285				/Mcf
Presque Isle E. & G. Coop. *						
		(Rates set by local government regulation, not by the MPSC)				
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.9000	6.2500				/Dth
-U-15703 - As Filed or As Ordered	6.5490	6.5490				/Dth
MPSC Division						
- As Currently Billed	6.2500	6.2500				/Mcf
-U-15702 - As Filed or as Ordered	7.8394	7.8394				/Mcf
Superior Energy Company *						
		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.1504	5.7690				/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584		/Dth
Xcel Energy						
- As Currently Billed	7.5946	7.2172				/Dth
-U-15705 - As Filed or As Ordered	7.5946	7.5946				/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.50	0.22541	+ 0.73580	= 0.96121	\$105.62	13%
Michigan Consolidated Gas Co	8.50	0.19613	+ 0.79000	= 0.98613	\$107.11	14%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.70200	= 0.86772	\$96.77	3%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62500	= 0.79837	\$89.84	-4%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.62500	= 0.80409	\$92.65	-1%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.57690	= 0.67654	\$72.65	-23%
Xcel Energy	6.50	0.13450	+ 0.72172	= 0.85622	\$92.12	-2%
AVERAGE RATE	8.82	0.16769	0.68235	0.85004	\$93.82	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including EO Surcharge (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.22541	+	0.73580 = 0.96121
Rate A-1 Residential Multi-Family	9.50	0.22541	+	0.73580 = 0.96121
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.22541	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.08470	+	7.3580 = 9.4427
General Service - Rate GS-2	16.00	1.90650	+	7.3580 = 9.2645
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.06540	+	7.3580 = 8.4234
General Service - Rate GS-3 (>100,000 Year)	482.00	0.91190	+	7.3580 = 8.2699
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	0.9723		per contract
ST Optional Maximum Rate		1.5558		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.8188		per contract
ST Optional Maximum Rate		1.4023		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.6871		per contract
LT Optional Maximum Rate		0.9854		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.5336		per contract
LT Optional Maximum Rate		0.8319		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.5766		per contract
XLT Optional Maximum Rate		0.8444		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4231		per contract
XLT Optional Maximum Rate		0.6909		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00			includes gas
2.6 to 4.5 CF/Hr	21.00			includes gas

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharge (Note 1) and EO surcharge (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.19613	+	0.79000 = 0.98613
Residential Multi Family Rate 2A Class 1	8.50	0.19893	+	0.79000 = 0.98893
Residential Multi Family Rate 2A Class 2	20.00	0.19652	+	0.79000 = 0.98652
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.19613	+	0.79000 = 0.98613
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.2115	+	7.9000 = 10.1115
Rate GS-2 (<100,000 Mcf)	475.00	1.7463	+	7.9000 = 9.6463
Rate GS-2 (>100,000 Mcf)	475.00	1.6373	+	7.9000 = 9.5373
Rate S	200.00	1.7052	+	7.9000 = 9.6052
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8419		per contract
<i>Maximum (optional)</i>	1300.00	1.4197		per contract
<i>Minimum (optional)</i>	1300.00	0.2641		per contract
Rate LT (cost based rate)	3375.00	0.5794		per contract
<i>Maximum (optional)</i>	3375.00	0.9090		per contract
<i>Minimum (optional)</i>	3375.00	0.2498		per contract
Rate XLT (cost based rate)	11300.00	0.4406		per contract
<i>Maximum (optional)</i>	11300.00	0.6825		per contract
<i>Minimum (optional)</i>	11300.00	0.1987		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above
Rates at utilities.dteenergy.com (PDF version)
My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

August, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.66000	+ 0.04200	= 0.70200	)=	0.86772
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.66000	+ 0.04200	= 0.70200	)=	0.82939
Meter Class II	30.00	0.12739	+(0.66000	+ 0.04200	= 0.70200	)=	0.82939
Meter Class III	80.00	0.11739	+(0.66000	+ 0.04200	= 0.70200	)=	0.81939
Meter Class IV	130.00	0.11739	+(0.66000	+ 0.04200	= 0.70200	)=	0.81939
Gas Light Rate-Residential	0.00	0.15333	+(0.66000	+ 0.04200	= 0.70200	)=	0.85533
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.6000	+ 0.4200	= 7.0200	)=	8.17000
Large General Service	452.09	1.00000	+(6.6000	+ 0.4200	= 7.0200	)=	8.02000
GasLight Rate-Commercial	4.70	1.15000	+(6.6000	+ 0.4200	= 7.0200	)=	8.17000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

August, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.55432	+ 0.02500	+ 0.04568	= 0.62500	)=	0.79837
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.99880
General Service (GS-2)	48.94	1.2813	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.53130
General Service (GS-3)	166.09	1.0062	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.25620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.54636	+ 0.02500	+ 0.05364	= 0.62500	= 0.80409
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.05364	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.4636	+ 0.2500	+ 0.53640	+ 6.25000	= 8.3264
General Service (GS-2)	38.94	13.08	1.9497	+ 5.4636	+ 0.2500	+ 0.53640	+ 6.25000	= 8.1997
General Service (GS-3)	166.09	59.01	1.6225	+ 5.4636	+ 0.2500	+ 0.53640	+ 6.25000	= 7.8725
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.57690	= 0.67654
Seasonal	10.00	0.09964	+ 0.57690	= 0.67654
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.7690	= 6.6204
Small Seasonal	19.28	0.8514	+ 5.7690	= 6.6204
Large	102.09	0.6214	+ 5.7690	= 6.3904
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.72172	= 0.85622
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 7.2172	= 8.0622
Firm (304?)	482.79	0.8450	+ 7.2172	= 8.0622
Interruptible	126.39	0.3300	+ 7.2172	= 7.5472
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](http://www.xcelenergy.com)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**PRESQUE ISLE ELECTRIC & GAS Coop ***[Contact Presque Isle E&G Coop](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.3715	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Same</i>	8.1500	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Same</i>	6.9100	7.3285 /Mcf	U-15700
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	5.9000	6.5490 /Dth	U-15703
SEMCO-MPSC Div.	<i>Same</i>	6.2500	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	5.1504	9.2584 /Dth	U-15622
Xcel Energy	<i>Decreased</i>	7.5946	7.5946 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	8.1500	/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285	7.3285	7.3285	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	9.2584	9.2584	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2009

Calendar Year of GCR Factors

PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)				
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)				
Consumers Energy Company						
- As Currently Billed	7.3715					/Mcf
-U-15704 - As Filed or As Ordered	8.1016					/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed	8.1500					/Mcf
-U-15701 - As Filed or As Ordered	8.4600					/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed	6.9100					/Mcf
-U-15700 - As Filed or As Ordered	7.3285					/Mcf
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)				
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed	5.9000					/Dth
-U-15703 - As Filed or As Ordered	6.5490					/Dth
MPSC Division						
- As Currently Billed	6.2500					/Mcf
-U-15702 - As Filed or as Ordered	7.8394					/Mcf
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)				
Wisc Public Service Corp						
- As Currently Billed	5.1504					/Dth
-U-15622 - As Filed or as Ordered	9.2584	9.2584	9.2584	9.2584		/Dth
Xcel Energy						
- As Currently Billed	7.5946					/Dth
-U-15705 - As Filed or As Ordered	7.5946					/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.50	0.22541	+ 0.73715	= 0.96256	\$105.76	13%
Michigan Consolidated Gas Co	8.50	0.19613	+ 0.81500	= 1.01113	\$109.61	18%
Michigan Gas Utilities Corp	10.00	0.16572	+ 0.69100	= 0.85672	\$95.67	3%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.17337	+ 0.62500	= 0.79837	\$89.84	-4%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.17909	+ 0.59000	= 0.76909	\$89.15	-4%
Wisconsin Public Service Corp	5.00	0.09964	+ 0.51504	= 0.61468	\$66.47	-29%
Xcel Energy	6.50	0.13450	+ 0.75946	= 0.89396	\$95.90	3%
AVERAGE RATE	8.82	0.16769	0.67609	0.84379	\$93.20	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
<i>*including EO Surcharge (Note 2)</i>				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.22541	+	0.73715 = 0.96256
Rate A-1 Residential Multi-Family	9.50	0.22541	+	0.73715 = 0.96256
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.22541	+	per contract
<i>* including EO Surcharge (Note 2)</i>				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	2.08470	+	7.3715 = 9.4562
General Service - Rate GS-2	16.00	1.90650	+	7.3715 = 9.2780
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.06540	+	7.3715 = 8.4369
General Service - Rate GS-3 (>100,000 Year)	482.00	0.91190	+	7.3715 = 8.2834
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST Cost Based Rate (0-100,000 Year)	510.00	0.9723		per contract
ST Optional Maximum Rate		1.5558		per contract
ST Optional Minimum Rate		0.3888		per contract
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.8188		per contract
ST Optional Maximum Rate		1.4023		per contract
ST Optional Minimum Rate		0.2353		per contract
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.6871		per contract
LT Optional Maximum Rate		0.9854		per contract
LT Optional Minimum Rate		0.3888		per contract
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.5336		per contract
LT Optional Maximum Rate		0.8319		per contract
LT Optional Minimum Rate		0.2353		per contract
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.5766		per contract
XLT Optional Maximum Rate		0.8444		per contract
XLT Optional Minimum Rate		0.3088		per contract
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4231		per contract
XLT Optional Maximum Rate		0.6909		per contract
XLT Optional Minimum Rate		0.1553		per contract
XLT Remote Meter Charge	70.00			per contract
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00			includes gas
2.6 to 4.5 CF/Hr	21.00			includes gas

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

July, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
*Including UETM Surcharge (Note 1) and EO surcharge (Note 3)				
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.19613	+	0.81500 = 1.01113
Residential Multi Family Rate 2A Class 1	8.50	0.19893	+	0.81500 = 1.01393
Residential Multi Family Rate 2A Class 2	20.00	0.19652	+	0.81500 = 1.01152
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.19613	+	0.81500 = 1.01113
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	2.2115	+	8.1500 = 10.3615
Rate GS-2 (<100,000 Mcf)	475.00	1.7463	+	8.1500 = 9.8963
Rate GS-2 (>100,000 Mcf)	475.00	1.6373	+	8.1500 = 9.7873
Rate S	200.00	1.7052	+	8.1500 = 9.8552
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8419		per contract
<i>Maximum (optional)</i>	1300.00	1.4197		per contract
<i>Minimum (optional)</i>	1300.00	0.2641		per contract
Rate LT (cost based rate)	3375.00	0.5794		per contract
<i>Maximum (optional)</i>	3375.00	0.9090		per contract
<i>Minimum (optional)</i>	3375.00	0.2498		per contract
Rate XLT (cost based rate)	11300.00	0.4406		per contract
<i>Maximum (optional)</i>	11300.00	0.6825		per contract
<i>Minimum (optional)</i>	11300.00	0.1987		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Note 3: Effective the billing cycle following June 2, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15890

Customer Attachment Program surcharges are in addition to rates above
Rates at utilities.dteenergy.com (PDF version)
My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

July, 2009

	Customer Charge*	Distribution Charge*					Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)						
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.16572	+(0.64900	+ 0.04200	= 0.69100	)=	0.85672
Residential Multi-Family							
Meter Class I	10.00	0.12739	+(0.64900	+ 0.04200	= 0.69100	)=	0.81839
Meter Class II	30.00	0.12739	+(0.64900	+ 0.04200	= 0.69100	)=	0.81839
Meter Class III	80.00	0.11739	+(0.64900	+ 0.04200	= 0.69100	)=	0.80839
Meter Class IV	130.00	0.11739	+(0.64900	+ 0.04200	= 0.69100	)=	0.80839
Gas Light Rate-Residential	0.00	0.15333	+(0.64900	+ 0.04200	= 0.69100	)=	0.84433
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	33.82	1.15000	+(6.4900	+ 0.4200	= 6.9100	)=	8.06000
Large General Service	452.09	1.00000	+(6.4900	+ 0.4200	= 6.9100	)=	7.91000
GasLight Rate-Commercial	4.70	1.15000	+(6.4900	+ 0.4200	= 6.9100	)=	8.06000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
EO Surcharge	18.66	50.81	114.61				

Note 1: Effective for service rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15891

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://Rates.at.michigangasutilities.com)

[Understanding your bill at michigangasutilities.com](http://Understanding.your.bill.at.michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

July, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge						Total Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.17337	+(0.55432	+ 0.02500	+ 0.04568	= 0.62500	)=	0.79837
Customer Choice-Residential alternative suppliers	10.00	0.17337	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04568			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	12.41	1.7488	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.99880
General Service (GS-2)	48.94	1.2813	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.53130
General Service (GS-3)	166.09	1.0062	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)=	7.25620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.45680			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	405.56	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1143.98	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3197.26	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge*	SEMCO Fixed Charge	Distribution Charge*	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)								
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.17909	+ 0.51136	+ 0.02500	+ 0.05364	= 0.59000	= 0.76909
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.17909	+ per contract	+ 0.02500	+ 0.05364	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	20.41	3.54	2.0764	+ 5.1136	+ 0.2500	+ 0.53640	+ 5.90000	= 7.9764
General Service (GS-2)	38.94	13.08	1.9497	+ 5.1136	+ 0.2500	+ 0.53640	+ 5.90000	= 7.8497
General Service (GS-3)	166.09	59.01	1.6225	+ 5.1136	+ 0.2500	+ 0.53640	+ 5.90000	= 7.5225
Transportation	Customer Charge* (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	166.09	59.01	75.00	1.6225				
TR-1	305.56		75.00		1.6251	1.4751		
TR-2	1493.98		75.00		1.3614	1.2114		
TR-3	4097.26		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15893

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg. (Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.09964	+ 0.51504	= 0.61468
Seasonal	10.00	0.09964	+ 0.51504	= 0.61468
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	9.64	0.8514	+ 5.1504	= 6.0018
Small Seasonal	19.28	0.8514	+ 5.1504	= 6.0018
Large	102.09	0.6214	+ 5.1504	= 5.7718
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge*	Distribution Charge*	GCR Factor	Total Vol Charge
	*For Residential, Dist. Chg. Includes EO surcharge, for others it's in Cust. Chg.(Note 1)			
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.13450	+ 0.75946	= 0.89396
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm (302?)	19.02	0.8450	+ 7.5946	= 8.4396
Firm (304?)	482.79	0.8450	+ 7.5946	= 8.4396
Interruptible	126.39	0.3300	+ 7.5946	= 7.9246
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	45.02	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](http://www.xcelenergy.com)

Note 1: Effective for bills rendered on and after July 1, 2009, customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15892 & U-15894

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.3412	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Increased</i>	8.1500	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Decreased</i>	6.9100	7.3285 /Mcf	U-15700
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	5.9000	7.5699 /Dth	U-15703
SEMCO-MPSC Div.	<i>Increased</i>	6.2500	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	6.4335	14.0668 /Dth	U-15622
Xcel Energy	<i>Same</i>	7.6575	7.6575 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282	7.3412	/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016	8.1016	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000	0.8150	/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600	8.4600	8.4600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231	6.91000	/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285	7.3285	7.3285	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000	5.9000	/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699	7.5699	/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500	6.2500	/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394	7.8394	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854	6.4335	/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575	7.6575	/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575	7.6575	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668		/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.50	0.22541	+ 0.73412	= 0.95953	\$105.45	12%
Michigan Consolidated Gas Co	8.50	0.18733	+ 0.81500	= 1.00233	\$108.73	16%
Michigan Gas Utilities Corp	10.00	0.15333	+ 0.69100	= 0.84433	\$94.43	1%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.62500	= 0.78317	\$88.32	-6%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.59000	= 0.75389	\$87.63	-7%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.64335	= 0.72899	\$77.90	-17%
Xcel Energy	6.50	0.12000	+ 0.76575	= 0.88575	\$95.08	1%
AVERAGE RATE	8.82	0.15625	0.69489	0.85114	\$93.93	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			June, 2009		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE		including EO Surcharge (Note 2)			
	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales		From Utility			
Rate A	9.50	0.22541	+	0.73412 = 0.95953	
Rate A-1 Residential Multi-Family	9.50	0.22541	+	0.73412 = 0.95953	
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)					
Customer Choice		From Others			
alternative suppliers	9.50	0.22541	+	per contract	
* including EO Surcharge (Note 2)					
COMMERCIAL & INDUSTRIAL SERVICE		(volumetric charges in \$/Mcf metered)			
	(\$/month)				
Sales		From Utility			
General Service - Rate GS-1	10.50	2.08470	+	7.3412 = 9.4259	
General Service - Rate GS-2	16.00	1.90650	+	7.3412 = 9.2477	
General Service - Rate GS-3 (0-100,000 Year)	482.00	1.06540	+	7.3412 = 8.4066	
General Service - Rate GS-3 (>100,000 Year)	482.00	0.91190	+	7.3412 = 8.2531	
Customer Choice		From Others			
alternative suppliers	(see above)	(see above)		per contract	
Transportation		From Others			
Rate ST Cost Based Rate (0-100,000 Year)	510.00	0.9723		per contract	
ST Optional Maximum Rate		1.5558		per contract	
ST Optional Minimum Rate		0.3888		per contract	
Rate ST Cost Based Rate (>100,000 Year)	510.00	0.8188		per contract	
ST Optional Maximum Rate		1.4023		per contract	
ST Optional Minimum Rate		0.2353		per contract	
Rate LT Cost Based Rate (0-100,000 Year)	2,830.00	0.6871		per contract	
LT Optional Maximum Rate		0.9854		per contract	
LT Optional Minimum Rate		0.3888		per contract	
Rate LT Cost Based Rate (>100,000 Year)	2,830.00	0.5336		per contract	
LT Optional Maximum Rate		0.8319		per contract	
LT Optional Minimum Rate		0.2353		per contract	
Rate XLT Cost Based Rate (0-100,000 Year)	7,210.00	0.5766		per contract	
XLT Optional Maximum Rate		0.8444		per contract	
XLT Optional Minimum Rate		0.3088		per contract	
Rate XLT Cost Based Rate (>100,000 Year)	7,210.00	0.4231		per contract	
XLT Optional Maximum Rate		0.6909		per contract	
XLT Optional Minimum Rate		0.1553		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER		(\$/month)			
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00		includes gas		
2.6 to 4.5 CF/Hr	21.00		includes gas		
Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.					
Note 2: Effective June 1, 2009 Customers will pay the Energy Optimization (EO) Surcharge pursuant to U-15889					
Customer Attachment Program		surcharges are in addition to rates above			
Understanding your bill at Consumersenergy.com					
Rates Reference:	see	Rate Books	for more details		

add in EO surcharge for June 1

MICHIGAN CONSOLIDATED GAS COMPANY

June, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18733	+ 0.81500	= 1.00233
Residential Multi Family Rate 2A Class 1	8.50	0.18733	+ 0.81500	= 1.00233
Residential Multi Family Rate 2A Class 2	20.00	0.18492	+ 0.81500	= 0.99992
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18733	+ 0.81500	= 1.00233
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0955	+ 8.1500	= 10.2455
Rate GS-2	475.00	1.6303	+ 8.1500	= 9.7803
Rate S	200.00	1.5892	+ 8.1500	= 9.7392
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8349	per contract	
<i>Maximum (optional)</i>	1300.00	1.4127	per contract	
<i>Minimum (optional)</i>	1300.00	0.2571	per contract	
Rate LT (cost based rate)	3375.00	0.5724	per contract	
<i>Maximum (optional)</i>	3375.00	0.9020	per contract	
<i>Minimum (optional)</i>	3375.00	0.2428	per contract	
Rate XLT (cost based rate)	11300.00	0.4336	per contract	
<i>Maximum (optional)</i>	11300.00	0.6755	per contract	
<i>Minimum (optional)</i>	11300.00	0.1917	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

June, 2009

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.15333	+(0.64900	+ 0.04200	= 0.69100	)=	0.84433
Residential Multi-Family							
Meter Class I	10.00	0.11500	+(0.64900	+ 0.04200	= 0.69100	)=	0.80600
Meter Class II	30.00	0.11500	+(0.64900	+ 0.04200	= 0.69100	)=	0.80600
Meter Class III	80.00	0.10500	+(0.64900	+ 0.04200	= 0.69100	)=	0.79600
Meter Class IV	130.00	0.10500	+(0.64900	+ 0.04200	= 0.69100	)=	0.79600
Gas Light Rate-Residential	0.00	0.15333	+(0.64900	+ 0.04200	= 0.69100	)=	0.84433
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	30.00	1.15000	+(6.4900	+ 0.4200	= 6.9100	)=	8.06000
Large General Service	375.00	1.00000	+(6.4900	+ 0.4200	= 6.9100	)=	7.91000
GasLight Rate-Commercial	0.00	1.15000	+(6.4900	+ 0.4200	= 6.9100	)=	8.06000
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
Customer Attachment Program							
Rates at michigangasutilities.com							
Understanding your bill at michigangasutilities.com							
Rates reference: see Rate Books for more details							

SEMCO ENERGY GAS COMPANY

June, 2009

SEMCO MPSC Division

Customer Charge		Distribution Charge		Total Charge			
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor
Residential Service	10.00	0.15817	+(0.55432	+ 0.02500	+ 0.04568	= 0.62500	)= 0.78317
<u>Customer Choice-Residential alternative suppliers</u>		10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04568	
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor
General Service (GS-1)	10.00	1.7488	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)= 7.99880
General Service (GS-2)	35.00	1.2813	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)= 7.53130
General Service (GS-3)	100.00	1.0062	+(5.54320	+ 0.2500	+ 0.4568	+ 6.2500	)= 7.25620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.45680	
Transportation (\$/month)		Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)			(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.51136	+ 0.02500	+ 0.05364	= 0.59000	= 0.75389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.05364	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 5.1136	+ 0.2500	+ 0.53640	+ 5.90000	= 7.9764
General Service (GS-2)	25.00	13.08	1.9497	+ 5.1136	+ 0.2500	+ 0.53640	+ 5.90000	= 7.8497
General Service (GS-3)	100.00	59.01	1.6225	+ 5.1136	+ 0.2500	+ 0.53640	+ 5.90000	= 7.5225
Transportation	(\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)		
GS-3 TR	100.00	59.01	75.00	1.6225	\$/Dth	\$/Dth		
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

June, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+	0.64335 = 0.72899
Seasonal	10.00	0.08564	+	0.64335 = 0.72899
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+	6.4335 = 7.2849
Small Seasonal	15.00	0.8514	+	6.4335 = 7.2849
Large	72.00	0.6214	+	6.4335 = 7.0549
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service	6.50	0.12000	+	0.76575	=	0.88575
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm	14.00	0.8450	+	7.6575	=	8.5025
Interruptible	40.00	0.3300	+	7.6575	=	7.9875
	Customer Charge	Meter Charge		Admin Charge		Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)		\$/Dth
Firm	40.00	25.00		25.00		0.3300
Rates Reference:	see	Rate Books	for more details			
Rate Information at xcelenergy.com						

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.2282	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Increased</i>	7.9000	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Same</i>	7.3231	7.3285 /Mcf	U-15700
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	5.0000	7.5699 /Dth	U-15703
SEMCO-MPSC Div.	<i>Decreased</i>	5.2500	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	7.3854	14.0668 /Dth	U-15622
Xcel Energy	<i>Same</i>	7.6575	7.6575 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067	7.2282		/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016	8.1016		/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000	7.9000		/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600	8.4600		/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231	7.3231		/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285	7.3285		/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000	5.0000		/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699	7.5699		/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000	5.2500		/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394	7.8394		/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279	7.3854		/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575	7.6575		/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575	7.6575		/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668		/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.50	0.20819	+ 0.72282	= 0.93101	\$102.60	11%
Michigan Consolidated Gas Co	8.50	0.18733	+ 0.79000	= 0.97733	\$106.23	15%
Michigan Gas Utilities Corp	10.00	0.15333	+ 0.73231	= 0.88564	\$98.56	7%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.52500	= 0.68317	\$78.32	-15%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.50000	= 0.66389	\$78.63	-15%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.73854	= 0.82418	\$87.42	-5%
Xcel Energy	6.50	0.12000	+ 0.76575	= 0.88575	\$95.08	3%
AVERAGE RATE	8.82	0.15379	0.68206	0.83585	\$92.41	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.20819	+ 0.72282	= 0.93101
Rate A-1 Residential Multi-Family	9.50	0.20819	+ 0.72282	= 0.93101
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.20819	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	1.92590	+ 7.2282	= 9.1541
General Service - Rate GS-2	16.00	1.74770	+ 7.2282	= 8.9759
General Service - Rate GS-3	482.00	0.90660	+ 7.2282	= 8.1348
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	510.00	0.8135	per contract	
ST Optional Maximum Rate		1.3970	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,830.00	0.5283	per contract	
LT Optional Maximum Rate		0.8266	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	7,210.00	0.4178	per contract	
XLT Optional Maximum Rate		0.6856	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

May, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18733	+	0.79000 = 0.97733
Residential Multi Family Rate 2A Class 1	8.50	0.18733	+	0.79000 = 0.97733
Residential Multi Family Rate 2A Class 2	20.00	0.18492	+	0.79000 = 0.97492
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18733	+	0.79000 = 0.97733
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0955	+	7.9000 = 9.9955
Rate GS-2	475.00	1.6303	+	7.9000 = 9.5303
Rate S	200.00	1.5892	+	7.9000 = 9.4892
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8349		per contract
<i>Maximum (optional)</i>	1300.00	1.4127		per contract
<i>Minimum (optional)</i>	1300.00	0.2571		per contract
Rate LT (cost based rate)	3375.00	0.5724		per contract
<i>Maximum (optional)</i>	3375.00	0.9020		per contract
<i>Minimum (optional)</i>	3375.00	0.2428		per contract
Rate XLT (cost based rate)	11300.00	0.4336		per contract
<i>Maximum (optional)</i>	11300.00	0.6755		per contract
<i>Minimum (optional)</i>	11300.00	0.1917		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

May, 2009

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.15333	+(0.69031	+ 0.04200	= 0.73231	)=	0.88564
Residential Multi-Family							
Meter Class I	10.00	0.11500	+(0.69031	+ 0.04200	= 0.73231	)=	0.84731
Meter Class II	30.00	0.11500	+(0.69031	+ 0.04200	= 0.73231	)=	0.84731
Meter Class III	80.00	0.10500	+(0.69031	+ 0.04200	= 0.73231	)=	0.83731
Meter Class IV	130.00	0.10500	+(0.69031	+ 0.04200	= 0.73231	)=	0.83731
Gas Light Rate-Residential	0.00	0.15333	+(0.69031	+ 0.04200	= 0.73231	)=	0.88564
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	30.00	1.15000	+(6.9031	+ 0.4200	= 7.3231	)=	8.47310
Large General Service	375.00	1.00000	+(6.9031	+ 0.4200	= 7.3231	)=	8.32310
GasLight Rate-Commercial	0.00	1.15000	+(6.9031	+ 0.4200	= 7.3231	)=	8.47310
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
Customer Attachment Program			surcharges are in addition to rates above				
Rates at michigangasutilities.com							
Understanding your bill at michigangasutilities.com							
Rates reference:	see	Rate Books	for more details				

SEMCO ENERGY GAS COMPANY

May, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.45758	+ 0.02500	+ 0.04242	= 0.52500	)= 0.68317
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04242		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(4.57580	+ 0.2500	+ 0.4242	+ 5.2500	)= 6.99880
General Service (GS-2)	35.00	1.2813	+(4.57580	+ 0.2500	+ 0.4242	+ 5.2500	)= 6.53130
General Service (GS-3)	100.00	1.0062	+(4.57580	+ 0.2500	+ 0.4242	+ 5.2500	)= 6.25620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42420		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.42690	+ 0.02500	+ 0.04810	= 0.50000	= 0.66389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 4.2690	+ 0.2500	+ 0.48100	+ 5.00000	= 7.0764
General Service (GS-2)	25.00	13.08	1.9497	+ 4.2690	+ 0.2500	+ 0.48100	+ 5.00000	= 6.9497
General Service (GS-3)	100.00	59.01	1.6225	+ 4.2690	+ 0.2500	+ 0.48100	+ 5.00000	= 6.6225
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)		
GS-3 TR	100.00	59.01	75.00	1.6225	\$/Dth	\$/Dth		
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#) surcharges are in addition to rates aboveUnderstanding your bill at semcoenergygas.comRates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+	0.73854 = 0.82418
Seasonal	10.00	0.08564	+	0.73854 = 0.82418
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+	7.3854 = 8.2368
Small Seasonal	15.00	0.8514	+	7.3854 = 8.2368
Large	72.00	0.6214	+	7.3854 = 8.0068
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service	6.50	0.12000	+	0.76575	=	0.88575
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm	14.00	0.8450	+	7.6575	=	8.5025
Interruptible	40.00	0.3300	+	7.6575	=	7.9875
	Customer Charge	Meter Charge		Admin Charge		Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)		\$/Dth
Firm	40.00	25.00		25.00		0.3300
Rates Reference: see		Rate Books	for more details			
Rate Information at xcelenergy.com						

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.3067	8.1016 /Mcf	U-15704
Michigan Consolidated Gas Co	<i>Increased</i>	7.5000	8.4600 /Mcf	U-15701
Michigan Gas Utilities Corp	<i>Decreased</i>	7.3231	7.3285 /Mcf	U-15700
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	6.5000	7.5699 /Dth	U-15703
SEMCO-MPSC Div.	<i>Decreased</i>	6.6000	7.8394 /Mcf	U-15702
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	7.9279	14.0668 /Dth	U-15622
Xcel Energy	<i>Decreased</i>	7.6575	7.6575 /Dth	U-15705

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09 \$/unit	Feb-09 \$/unit	Mar-09 \$/unit	Apr-09 \$/unit	May-09 \$/unit	Jun-09 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651	7.3067			/Mcf
-U-15704 - As Filed or as Ordered	8.1651	8.1651	8.1651	8.1016			/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000	7.5000			/Mcf
-U-15701 - As Filed or As Ordered	11.3600	11.3600	11.3600	8.4600			/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000	7.3231			/Mcf
-U-15700 - As Filed or as Ordered	11.4243	11.4243	11.4243	7.3285			/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000	6.5000			/Dth
-U-15703 - As Filed or as Ordered	10.5214	10.5214	10.5214	7.5699			/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500	6.6000			/Mcf
-U-15702 - As Filed or as Ordered	10.6864	10.6864	10.6864	7.8394			/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336	7.9279			/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146	7.6575			/Dth
-U-15705 - As Filed or as Ordered	10.7270	10.7270	10.7270	7.6575			/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15704 - As Filed or As Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15701 - As Filed or As Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15700 - As Filed or As Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15703 - As Filed or As Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15702 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668		/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15705 - As Filed or As Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	9.50	0.20819	+ 0.73067	= 0.93886	\$103.39	7%
Michigan Consolidated Gas Co	8.50	0.18733	+ 0.75000	= 0.93733	\$102.23	6%
Michigan Gas Utilities Corp	10.00	0.15333	+ 0.73231	= 0.88564	\$98.56	2%
Presque Isle E. & G. Coop. *						
(Rates set by local government regulation, not by the MPSC)						
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.66000	= 0.81817	\$91.82	-5%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.65000	= 0.81389	\$93.63	-3%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.79279	= 0.87843	\$92.84	-4%
Xcel Energy	6.50	0.12000	+ 0.76575	= 0.88575	\$95.08	-2%
AVERAGE RATE	8.82	0.15379	0.72593	0.87972	\$96.79	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.20819	+ 0.73067	= 0.93886
Rate A-1 Residential Multi-Family	9.50	0.20819	+ 0.73067	= 0.93886
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.20819	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	1.92590	+ 7.3067	= 9.2326
General Service - Rate GS-2	16.00	1.74770	+ 7.3067	= 9.0544
General Service - Rate GS-3	482.00	0.90660	+ 7.3067	= 8.2133
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	510.00	0.8135	per contract	
ST Optional Maximum Rate		1.3970	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,830.00	0.5283	per contract	
LT Optional Maximum Rate		0.8266	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	7,210.00	0.4178	per contract	
XLT Optional Maximum Rate		0.6856	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

April, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18733	+ 0.75000	= 0.93733
Residential Multi Family Rate 2A Class 1	8.50	0.18733	+ 0.75000	= 0.93733
Residential Multi Family Rate 2A Class 2	20.00	0.18492	+ 0.75000	= 0.93492
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18733	+ 0.75000	= 0.93733
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
			(volumetric charges in \$/Mcf metered)	
Sales			From Utility	
Rate GS-1	20.00	2.0955	+ 7.5000	= 9.5955
Rate GS-2	475.00	1.6303	+ 7.5000	= 9.1303
Rate S	200.00	1.5892	+ 7.5000	= 9.0892
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8349	per contract	
<i>Maximum (optional)</i>	1300.00	1.4127	per contract	
<i>Minimum (optional)</i>	1300.00	0.2571	per contract	
Rate LT (cost based rate)	3375.00	0.5724	per contract	
<i>Maximum (optional)</i>	3375.00	0.9020	per contract	
<i>Minimum (optional)</i>	3375.00	0.2428	per contract	
Rate XLT (cost based rate)	11300.00	0.4336	per contract	
<i>Maximum (optional)</i>	11300.00	0.6755	per contract	
<i>Minimum (optional)</i>	11300.00	0.1917	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

April, 2009

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.15333	+(0.69031	+ 0.04200	= 0.73231	)=	0.88564
Residential Multi-Family							
<i>Meter Class I</i>	10.00	0.11500	+(0.69031	+ 0.04200	= 0.73231	)=	0.84731
<i>Meter Class II</i>	30.00	0.11500	+(0.69031	+ 0.04200	= 0.73231	)=	0.84731
<i>Meter Class III</i>	80.00	0.10500	+(0.69031	+ 0.04200	= 0.73231	)=	0.83731
<i>Meter Class IV</i>	130.00	0.10500	+(0.69031	+ 0.04200	= 0.73231	)=	0.83731
Gas Light Rate-Residential	0.00	0.15333	+(0.69031	+ 0.04200	= 0.73231	)=	0.88564
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	30.00	1.15000	+(6.9031	+ 0.4200	= 7.3231	)=	8.47310
Large General Service	375.00	1.00000	+(6.9031	+ 0.4200	= 7.3231	)=	8.32310
GasLight Rate-Commercial	0.00	1.15000	+(6.9031	+ 0.4200	= 7.3231	)=	8.47310
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651				
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2250	3050				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

April, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.59258	+ 0.02500	+ 0.04242	= 0.66000	= 0.81817
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04242		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(5.92580	+ 0.2500	+ 0.4242	+ 6.6000	= 8.34880
General Service (GS-2)	35.00	1.2813	+(5.92580	+ 0.2500	+ 0.4242	+ 6.6000	= 7.88130
General Service (GS-3)	100.00	1.0062	+(5.92580	+ 0.2500	+ 0.4242	+ 6.6000	= 7.60620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42420		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.57690	+ 0.02500	+ 0.04810	= 0.65000	= 0.81389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 5.7690	+ 0.2500	+ 0.48100	+ 6.50000	= 8.5764
General Service (GS-2)	25.00	13.08	1.9497	+ 5.7690	+ 0.2500	+ 0.48100	+ 6.50000	= 8.4497
General Service (GS-3)	100.00	59.01	1.6225	+ 5.7690	+ 0.2500	+ 0.48100	+ 6.50000	= 8.1225
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)		
GS-3 TR	100.00	59.01	75.00	1.6225	\$/Dth	\$/Dth		
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#) surcharges are in addition to rates aboveUnderstanding your bill at semcoenergygas.comRates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+ 0.79279	= 0.87843
Seasonal	10.00	0.08564	+ 0.79279	= 0.87843
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+ 7.9279	= 8.7793
Small Seasonal	15.00	0.8514	+ 7.9279	= 8.7793
Large	72.00	0.6214	+ 7.9279	= 8.5493
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+	0.76575 = 0.88575
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+	7.6575 = 8.5025
Interruptible	40.00	0.3300	+	7.6575 = 7.9875
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference:	see	Rate Books	for more details	
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

March, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	8.1651	8.1651 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Decreased</i>	7.0000	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Increased</i>	8.5000	11.4243 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	8.1000	10.5214 /Dth	U-15453
SEMCO-MPSC Div.	<i>Decreased</i>	9.3500	10.6864 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	7.7336	14.0668 /Dth	U-15622
Xcel Energy	<i>Decreased</i>	9.5146	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651	8.1651				/Mcf
-U-15454 - As Filed or as Ordered	8.1651	8.1651	8.1651				/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000	7.0000				/Mcf
-U-15451 - As Filed or as Ordered	11.3600	11.3600	11.3600				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000	8.5000				/Mcf
-U-15450 - As Filed or as Ordered	11.4243	11.4243	11.4243				/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500	8.1000				/Dth
-U-15453 - As Filed or as Ordered	10.5214	10.5214	10.5214				/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000	9.3500				/Mcf
-U-15452 - As Filed or as Ordered	10.6864	10.6864	10.6864				/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699	7.7336				/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	9.5146				/Dth
-U-15455 - As Filed or as Ordered	10.7270	10.7270	10.7270				/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15454 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15451 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15450 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15453 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15452 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668		/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15455 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.50	0.20819	+ 0.81651	= 1.02470	\$111.97	4%
Michigan Consolidated Gas Co	8.50	0.18733	+ 0.70000	= 0.88733	\$97.23	-10%
Michigan Gas Utilities Corp	10.00	0.15333	+ 0.85000	= 1.00333	\$110.33	3%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.93500	= 1.09317	\$119.32	11%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.81000	= 0.97389	\$109.63	2%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.77336	= 0.85900	\$90.90	-16%
Xcel Energy	6.50	0.12000	+ 0.95146	= 1.07146	\$113.65	6%
AVERAGE RATE	8.82	0.15379	0.83376	0.98755	\$107.58	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

March, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.20819	+ 0.81651	= 1.02470
Rate A-1 Residential Multi-Family	9.50	0.20819	+ 0.81651	= 1.02470
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.20819	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	1.92590	+ 8.1651	= 10.0910
General Service - Rate GS-2	16.00	1.74770	+ 8.1651	= 9.9128
General Service - Rate GS-3	482.00	0.90660	+ 8.1651	= 9.0717
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	510.00	0.8135	per contract	
ST Optional Maximum Rate		1.3970	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,830.00	0.5283	per contract	
LT Optional Maximum Rate		0.8266	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	7,210.00	0.4178	per contract	
XLT Optional Maximum Rate		0.6856	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program

surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

March, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18733	+	0.70000 = 0.88733
Residential Multi Family Rate 2A Class 1	8.50	0.18733	+	0.70000 = 0.88733
Residential Multi Family Rate 2A Class 2	20.00	0.18492	+	0.70000 = 0.88492
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18733	+	0.70000 = 0.88733
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0955	+	7.0000 = 9.0955
Rate GS-2	475.00	1.6303	+	7.0000 = 8.6303
Rate S	200.00	1.5892	+	7.0000 = 8.5892
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8349		per contract
<i>Maximum (optional)</i>	1300.00	1.4127		per contract
<i>Minimum (optional)</i>	1300.00	0.2571		per contract
Rate LT (cost based rate)	3375.00	0.5724		per contract
<i>Maximum (optional)</i>	3375.00	0.9020		per contract
<i>Minimum (optional)</i>	3375.00	0.2428		per contract
Rate XLT (cost based rate)	11300.00	0.4336		per contract
<i>Maximum (optional)</i>	11300.00	0.6755		per contract
<i>Minimum (optional)</i>	11300.00	0.1917		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

March, 2009

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.15333	+(0.80800	+ 0.04200	= 0.85000	)=	1.00333
Residential Multi-Family							
<i>Meter Class I</i>	10.00	0.11500	+(0.80800	+ 0.04200	= 0.85000	)=	0.96500
<i>Meter Class II</i>	30.00	0.11500	+(0.80800	+ 0.04200	= 0.85000	)=	0.96500
<i>Meter Class III</i>	80.00	0.10500	+(0.80800	+ 0.04200	= 0.85000	)=	0.95500
<i>Meter Class IV</i>	130.00	0.10500	+(0.80800	+ 0.04200	= 0.85000	)=	0.95500
Gas Light Rate-Residential	0.00	0.15333	+(0.80800	+ 0.04200	= 0.85000	)=	1.00333
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	30.00	1.15000	+(8.0800	+ 0.4200	= 8.5000	)=	9.65000
Large General Service	375.00	1.00000	+(8.0800	+ 0.4200	= 8.5000	)=	9.50000
GasLight Rate-Commercial	0.00	1.15000	+(8.0800	+ 0.4200	= 8.5000	)=	9.65000
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2,250	3,050				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7777	0.4796	0.4651				
<i>Off-Peak (Apr - Oct)</i>	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	825	2250	3050				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](http://michigangasutilities.com)[Understanding your bill at michigangasutilities.com](http://michigangasutilities.com)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

March, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.86758	+ 0.02500	+ 0.04242	= 0.93500	= 1.09317
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04242		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.67580	+ 0.2500	+ 0.4242	+ 9.3500	= 11.09880
General Service (GS-2)	35.00	1.2813	+(8.67580	+ 0.2500	+ 0.4242	+ 9.3500	= 10.63130
General Service (GS-3)	100.00	1.0062	+(8.67580	+ 0.2500	+ 0.4242	+ 9.3500	= 10.35620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42420		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.73690	+ 0.02500	+ 0.04810	= 0.81000	= 0.97389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 7.3690	+ 0.2500	+ 0.48100	+ 8.10000	= 10.1764
General Service (GS-2)	25.00	13.08	1.9497	+ 7.3690	+ 0.2500	+ 0.48100	+ 8.10000	= 10.0497
General Service (GS-3)	100.00	59.01	1.6225	+ 7.3690	+ 0.2500	+ 0.48100	+ 8.10000	= 9.7225
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	59.01	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#) surcharges are in addition to rates above[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

March, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+	0.77336 = 0.85900
Seasonal	10.00	0.08564	+	0.77336 = 0.85900
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+	7.7336 = 8.5850
Small Seasonal	15.00	0.8514	+	7.7336 = 8.5850
Large	72.00	0.6214	+	7.7336 = 8.3550
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+	0.95146 = 1.07146
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+	9.5146 = 10.3596
Interruptible	40.00	0.3300	+	9.5146 = 9.8446
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference:	see	Rate Books	for more details	
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

February, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	8.1651	8.1651 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Decreased</i>	7.5000	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Same</i>	8.0000	11.4243 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	8.2500	10.5214 /Dth	U-15453
SEMCO-MPSC Div.	<i>Decreased</i>	9.5000	10.6864 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	9.1699	14.0668 /Dth	U-15622
Xcel Energy	<i>Same</i>	10.7270	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
		(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *							
		(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company							
- As Currently Billed	8.1651	8.1651					/Mcf
-U-15454 - As Filed or as Ordered	8.1651	8.1651	8.1651				/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000	7.5000					/Mcf
-U-15451 - As Filed or as Ordered	11.3600	11.3600	11.3600				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000	8.0000					/Mcf
-U-15450 - As Filed or as Ordered	11.4243	11.4243					/Mcf
Presque Isle E. & G. Coop. *							
		(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000	8.2500					/Dth
-U-15453 - As Filed or as Ordered	10.5214	10.5214	10.5214				/Dth
MPSC Division							
- As Currently Billed	9.7000	9.5000					/Mcf
-U-15452 - As Filed or as Ordered	10.6864	10.6864	10.6864				/Mcf
Superior Energy Company *							
		(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp							
- As Currently Billed	10.2542	9.1699					/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	10.7270				/Dth
-U-15455 - As Filed or as Ordered	10.7270	10.7270	10.7270				/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15454 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15451 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15450 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15453 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15452 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668		/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15455 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.50	0.20819	+ 0.81651	= 1.02470	\$111.97	0%
Michigan Consolidated Gas Co	8.50	0.18733	+ 0.75000	= 0.93733	\$102.23	-9%
Michigan Gas Utilities Corp	10.00	0.15333	+ 0.80000	= 0.95333	\$105.33	-6%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.95000	= 1.10817	\$120.82	8%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.82500	= 0.98889	\$111.13	-1%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.91699	= 1.00263	\$105.26	-6%
Xcel Energy	6.50	0.12000	+ 1.07270	= 1.19270	\$125.77	13%
AVERAGE RATE	8.82	0.15379	0.87589	1.02968	\$111.79	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.50	0.20819	+ 0.81651	= 1.02470
Rate A-1 Residential Multi-Family	9.50	0.20819	+ 0.81651	= 1.02470
Excess Peak Demand Charge \$0.0489/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.50	0.20819	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.50	1.92590	+ 8.1651	= 10.0910
General Service - Rate GS-2	16.00	1.74770	+ 8.1651	= 9.9128
General Service - Rate GS-3	482.00	0.90660	+ 8.1651	= 9.0717
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	510.00	0.8135	per contract	
ST Optional Maximum Rate		1.3970	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,830.00	0.5283	per contract	
LT Optional Maximum Rate		0.8266	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	7,210.00	0.4178	per contract	
XLT Optional Maximum Rate		0.6856	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	21.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

February, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18733	+ 0.75000	= 0.93733
Residential Multi Family Rate 2A Class 1	8.50	0.18733	+ 0.75000	= 0.93733
Residential Multi Family Rate 2A Class 2	20.00	0.18492	+ 0.75000	= 0.93492
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18733	+ 0.75000	= 0.93733
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0955	+ 7.5000	= 9.5955
Rate GS-2	475.00	1.6303	+ 7.5000	= 9.1303
Rate S	200.00	1.5892	+ 7.5000	= 9.0892
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8349	per contract	
<i>Maximum (optional)</i>	1300.00	1.4127	per contract	
<i>Minimum (optional)</i>	1300.00	0.2571	per contract	
Rate LT (cost based rate)	3375.00	0.5724	per contract	
<i>Maximum (optional)</i>	3375.00	0.9020	per contract	
<i>Minimum (optional)</i>	3375.00	0.2428	per contract	
Rate XLT (cost based rate)	11300.00	0.4336	per contract	
<i>Maximum (optional)</i>	11300.00	0.6755	per contract	
<i>Minimum (optional)</i>	11300.00	0.1917	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

February, 2009

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	10.00	0.15333	+(0.75800	+ 0.04200	= 0.80000	)=	0.95333
Residential Multi-Family							
Meter Class I	10.00	0.11500	+(0.75800	+ 0.04200	= 0.80000	)=	0.91500
Meter Class II	30.00	0.11500	+(0.75800	+ 0.04200	= 0.80000	)=	0.91500
Meter Class III	80.00	0.10500	+(0.75800	+ 0.04200	= 0.80000	)=	0.90500
Meter Class IV	130.00	0.10500	+(0.75800	+ 0.04200	= 0.80000	)=	0.90500
Gas Light Rate-Residential	0.00	0.15333	+(0.75800	+ 0.04200	= 0.80000	)=	0.95333
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	30.00	1.15000	+(7.5800	+ 0.4200	= 8.0000	)=	9.15000
Large General Service	375.00	1.00000	+(7.5800	+ 0.4200	= 8.0000	)=	9.00000
GasLight Rate-Commercial	0.00	1.15000	+(7.5800	+ 0.4200	= 8.0000	)=	9.15000
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2,250	3,050				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7777	0.4796	0.4651				
Off-Peak (Apr - Oct)	0.6277	0.3296	0.3151				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	825	2250	3050				

Customer Attachment Program

surcharges are in addition to rates above

Rates at michigangasutilities.com

[Understanding your bill at michigangasutilities.com](http://michigangasutilities.com)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

February, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.88258	+ 0.02500	+ 0.04242	= 0.95000	)= 1.10817
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04242		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.82580	+ 0.2500	+ 0.4242	+ 9.5000	)= 11.24880
General Service (GS-2)	35.00	1.2813	+(8.82580	+ 0.2500	+ 0.4242	+ 9.5000	)= 10.78130
General Service (GS-3)	100.00	1.0062	+(8.82580	+ 0.2500	+ 0.4242	+ 9.5000	)= 10.50620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42420		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.75190	+ 0.02500	+ 0.04810	= 0.82500	= 0.98889
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 7.5190	+ 0.2500	+ 0.48100	+ 8.25000	= 10.3264
General Service (GS-2)	25.00	13.08	1.9497	+ 7.5190	+ 0.2500	+ 0.48100	+ 8.25000	= 10.1997
General Service (GS-3)	100.00	59.01	1.6225	+ 7.5190	+ 0.2500	+ 0.48100	+ 8.25000	= 9.8725
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	59.01	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

[Rates at semcoenergy.com](http://rates.semcoenergy.com)[Customer Attachment Program](#) surcharges are in addition to rates above[Understanding your bill at semcoenergygas.com](http://understandingyourbill.semcoenergygas.com)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+	0.91699 = 1.00263
Seasonal	10.00	0.08564	+	0.91699 = 1.00263
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+	9.1699 = 10.0213
Small Seasonal	15.00	0.8514	+	9.1699 = 10.0213
Large	72.00	0.6214	+	9.1699 = 9.7913
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

		Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Therm metered)		
Sales				From Utility	
Residential Service	6.50	0.12000	+	1.07270	= 1.19270
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Dth metered)		
Sales				From Utility	
Firm	14.00	0.8450	+	10.7270	= 11.5720
Interruptible	40.00	0.3300	+	10.7270	= 11.0570
		Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth	
Firm	40.00	25.00	25.00	0.3300	
Rates Reference:		see	for more details		
Rate Information at		xcelenergy.com			

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

January, 2009

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	8.1651	8.1651 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Decreased</i>	7.9000	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Decreased</i>	8.0000	11.4243 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	8.4000	10.5214 /Dth	U-15453
SEMCO-MPSC Div.	<i>Decreased</i>	9.7000	10.6864 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	10.2542	14.0668 /Dth	U-15622
Xcel Energy	<i>Same</i>	10.7270	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January, 2009

*Calendar Year of GCR Factors*PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
		(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *							
		(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company							
- As Currently Billed	8.1615						/Mcf
-U-15454 - As Filed or as Ordered	8.1615	8.1615	8.1615				/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.9000						/Mcf
-U-15451 - As Filed or as Ordered	11.3600	11.3600	11.3600				/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.0000						/Mcf
-U-15450 - As Filed or as Ordered	11.4243						/Mcf
Presque Isle E. & G. Coop. *							
		(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	8.4000						/Dth
-U-15453 - As Filed or as Ordered	10.5214	10.5214	10.5214				/Dth
MPSC Division							
- As Currently Billed	9.7000						/Mcf
-U-15452 - As Filed or as Ordered	10.6864	10.6864	10.6864				/Mcf
Superior Energy Company *							
		(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp							
- As Currently Billed	10.2542						/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668	14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.7270	10.7270	10.7270				/Dth
-U-15455 - As Filed or as Ordered	10.7270	10.7270	10.7270				/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2009

Calendar Year of GCR Factors

PDF files available: [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-15454 - As Filed or as Ordered							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-U-15451 - As Filed or as Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-15450 - As Filed or as Ordered							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed							/Dth
-U-15453 - As Filed or as Ordered							/Dth
MPSC Division							
- As Currently Billed							/Mcf
-U-15452 - As Filed or as Ordered							/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed							/Dth
-U-15622 - As Filed or as Ordered	14.0668	14.0668	14.0668	14.0668			/Dth
Xcel Energy							
- As Currently Billed							/Dth
-U-15455 - As Filed or as Ordered							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January, 2009

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.81651	= 1.02121	\$111.12	-3%
Michigan Consolidated Gas Co	8.50	0.18733	+ 0.79000	= 0.97733	\$106.23	-7%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.80000	= 0.95257	\$103.26	-9%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.97000	= 1.12817	\$122.82	8%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.84000	= 1.00389	\$112.63	-1%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.02542	= 1.11106	\$116.11	2%
Xcel Energy	6.50	0.12000	+ 1.07270	= 1.19270	\$125.77	10%
AVERAGE RATE	8.46	0.15319	0.90209	1.05528	\$113.99	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January, 2009

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.81651	= 1.02121
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.81651	= 1.02121
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.1651	= 10.0355
General Service - Rate GS-2	16.00	1.68240	+ 8.1651	= 9.8475
General Service - Rate GS-3	468.00	0.87310	+ 8.1651	= 9.0382
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January, 2009

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18733	+ 0.79000	= 0.97733
Residential Multi Family Rate 2A Class 1	8.50	0.18733	+ 0.79000	= 0.97733
Residential Multi Family Rate 2A Class 2	20.00	0.18492	+ 0.79000	= 0.97492
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18733	+ 0.79000	= 0.97733
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
			(volumetric charges in \$/Mcf metered)	
Sales			From Utility	
Rate GS-1	20.00	2.0955	+ 7.9000	= 9.9955
Rate GS-2	475.00	1.6303	+ 7.9000	= 9.5303
Rate S	200.00	1.5892	+ 7.9000	= 9.4892
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8349	per contract	
<i>Maximum (optional)</i>	1300.00	1.4127	per contract	
<i>Minimum (optional)</i>	1300.00	0.2571	per contract	
Rate LT (cost based rate)	3375.00	0.5724	per contract	
<i>Maximum (optional)</i>	3375.00	0.9020	per contract	
<i>Minimum (optional)</i>	3375.00	0.2428	per contract	
Rate XLT (cost based rate)	11300.00	0.4336	per contract	
<i>Maximum (optional)</i>	11300.00	0.6755	per contract	
<i>Minimum (optional)</i>	11300.00	0.1917	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2009 as approved in Case No. U-13898 dated 12/23/2008.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

January, 2009

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.75800	+ 0.04200	= 0.80000	)=	0.95257
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.75800	+ 0.04200	= 0.80000	)=	0.89715
<i>Meter Class II</i>	20.00	0.09715	+(0.75800	+ 0.04200	= 0.80000	)=	0.89715
<i>Meter Class III</i>	60.00	0.09715	+(0.75800	+ 0.04200	= 0.80000	)=	0.89715
<i>Meter Class IV</i>	100.00	0.09715	+(0.75800	+ 0.04200	= 0.80000	)=	0.89715
Gas Light Rate-Residential	0.00	0.15257	+(0.75800	+ 0.04200	= 0.80000	)=	0.95257
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.5800	+ 0.4200	= 8.0000	)=	9.24600
Large General Service	300.00	0.92880	+(7.5800	+ 0.4200	= 8.0000	)=	8.92880
GasLight Rate-Commercial	0.00	1.24600	+(7.5800	+ 0.4200	= 8.0000	)=	9.24600
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January, 2009

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.90258	+ 0.02500	+ 0.04242	= 0.97000	)= 1.12817
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04242		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(9.02580	+ 0.2500	+ 0.4242	+ 9.7000	)= 11.44880
General Service (GS-2)	35.00	1.2813	+(9.02580	+ 0.2500	+ 0.4242	+ 9.7000	)= 10.98130
General Service (GS-3)	100.00	1.0062	+(9.02580	+ 0.2500	+ 0.4242	+ 9.7000	)= 10.70620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42420		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.76690	+ 0.02500	+ 0.04810	= 0.84000	= 1.00389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 7.6690	+ 0.2500	+ 0.48100	+ 8.40000	= 10.4764
General Service (GS-2)	25.00	13.08	1.9497	+ 7.6690	+ 0.2500	+ 0.48100	+ 8.40000	= 10.3497
General Service (GS-3)	100.00	59.01	1.6225	+ 7.6690	+ 0.2500	+ 0.48100	+ 8.40000	= 10.0225
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	59.01	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

[Rates at semcoenergy.com](http://semcoenergy.com)[Customer Attachment Program](#) surcharges are in addition to rates above[Understanding your bill at semcoenergygas.com](http://semcoenergygas.com)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

January, 2009

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+ 1.02542	= 1.11106
Seasonal	10.00	0.08564	+ 1.02542	= 1.11106
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+ 10.2542	= 11.1056
Small Seasonal	15.00	0.8514	+ 10.2542	= 11.1056
Large	72.00	0.6214	+ 10.2542	= 10.8756
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+	1.07270 = 1.19270
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+	10.7270 = 11.5720
Interruptible	40.00	0.3300	+	10.7270 = 11.0570
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference:	see	Rate Books	for more details	
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTOR HISTORY

December, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2008

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08 \$/unit	Aug-08 \$/unit	Sep-08 \$/unit	Oct-08 \$/unit	Nov-08 \$/unit	Dec-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	9.5220	9.6872	8.7232	8.1651	8.1651	8.1651	/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	8.1651	8.1651	8.1651	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600	10.7600	11.3600	11.3600	9.8000	8.5000	/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	11.3600	11.3600	11.3600	11.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800	10.5800	12.8867	11.4400	11.4400	11.4400	/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.5800	12.8867	11.4400	11.4400	11.4400	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7290	11.9246	11.9246	10.2500	9.0000	8.5000	/Dth
-U-15453 - As Filed or as Ordered	10.7290	11.9246	11.9246	10.5214	10.5214	10.5214	/Dth
MPSC Division							
- As Currently Billed	11.2495	12.5546	12.5546	10.6889	10.1500	9.7500	/Mcf
-U-15452 - As Filed or as Ordered	11.2495	12.5546	12.5546	10.6889	10.6889	10.6889	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.4068	11.5068	11.5068	11.5068	11.2493	10.7192	/Dth
-U-15350 - As Filed or as Ordered	10.4068	11.5068	11.5068	11.5068			/Dth
-U-15622 - As Filed or as Ordered					14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.3085	10.3085	10.7270	10.7270	10.7270	10.7270	/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.7270	10.7270	10.7270	10.7270	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

December, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	8.1651	8.1651 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Decreased</i>	8.5000	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Same</i>	11.4400	11.4400 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	8.5000	10.5214 /Dth	U-15453
SEMCO-MPSC Div.	<i>Decreased</i>	9.7500	10.6889 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	10.7192	14.0668 /Dth	U-15622
Xcel Energy	<i>Same</i>	10.7270	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

December, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	9.5220	9.6872	8.7232	8.1651	8.1651	8.1651	/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	8.1651	8.1651	8.1651	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600	10.7600	11.3600	11.3600	9.8000	8.5000	/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	11.3600	11.3600	11.3600	11.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800	10.5800	12.8867	11.4400	11.4400	11.4400	/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.5800	12.8867	11.4400	11.4400	11.4400	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7290	11.9246	11.9246	10.2500	9.0000	8.5000	/Dth
-U-15453 - As Filed or as Ordered	10.7290	11.9246	11.9246	10.5214	10.5214	10.5214	/Dth
MPSC Division							
- As Currently Billed	11.2495	12.5546	12.5546	10.6889	10.1500	9.7500	/Mcf
-U-15452 - As Filed or as Ordered	11.2495	12.5546	12.5546	10.6889	10.6889	10.6889	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.4068	11.5068	11.5068	11.5068	11.2493	10.7192	/Dth
-U-15350 - As Filed or as Ordered	10.4068	11.5068	11.5068	11.5068			/Dth
-U-15622 - As Filed or as Ordered					14.0668	14.0668	/Dth
Xcel Energy							
- As Currently Billed	10.3085	10.3085	10.7270	10.7270	10.7270	10.7270	/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.7270	10.7270	10.7270	10.7270	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.81651	= 1.02121	\$111.12	-8%
Michigan Consolidated Gas Co	8.50	0.18676	+ 0.85000	= 1.03676	\$112.18	-7%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.14400	= 1.29657	\$137.66	14%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.97500	= 1.13317	\$123.32	2%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.85000	= 1.01389	\$113.63	-6%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.07192	= 1.15756	\$120.76	0%
Xcel Energy	6.50	0.12000	+ 1.07270	= 1.19270	\$125.77	4%
AVERAGE RATE	8.46	0.15310	0.96859	1.12169	\$120.63	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

December, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.81651	= 1.02121
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.81651	= 1.02121
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.1651	= 10.0355
General Service - Rate GS-2	16.00	1.68240	+ 8.1651	= 9.8475
General Service - Rate GS-3	468.00	0.87310	+ 8.1651	= 9.0382
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

December, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 0.85000	= 1.03676
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 0.85000	= 1.03812
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 0.85000	= 1.03440
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 0.85000	= 1.03676
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 8.5000	= 10.5929
Rate GS-2	475.00	1.7191	+ 8.5000	= 10.2191
Rate S	200.00	1.5932	+ 8.5000	= 10.0932
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

December, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(1.10200	+ 0.04200	= 1.14400	)=	1.29657
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class II</i>	20.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class III</i>	60.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class IV</i>	100.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
Gas Light Rate-Residential	0.00	0.15257	+(1.10200	+ 0.04200	= 1.14400	)=	1.29657
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(11.0200	+ 0.4200	= 11.4400	)=	12.68600
Large General Service	300.00	0.92880	+(11.0200	+ 0.4200	= 11.4400	)=	12.36880
GasLight Rate-Commercial	0.00	1.24600	+(11.0200	+ 0.4200	= 11.4400	)=	12.68600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

Customer Attachment Program

surcharges are in addition to rates above

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rates reference: see Rate Books for more details

SEMCO ENERGY GAS COMPANY

December, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.90758	+ 0.02500	+ 0.04242	= 0.97500	)= 1.13317
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04242		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(9.07580	+ 0.2500	+ 0.4242	+ 9.7500	)= 11.49880
General Service (GS-2)	35.00	1.2813	+(9.07580	+ 0.2500	+ 0.4242	+ 9.7500	)= 11.03130
General Service (GS-3)	100.00	1.0062	+(9.07580	+ 0.2500	+ 0.4242	+ 9.7500	)= 10.75620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42420		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.77690	+ 0.02500	+ 0.04810	= 0.85000	= 1.01389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 7.7690	+ 0.2500	+ 0.48100	+ 8.50000	= 10.5764
General Service (GS-2)	25.00	13.08	1.9497	+ 7.7690	+ 0.2500	+ 0.48100	+ 8.50000	= 10.4497
General Service (GS-3)	100.00	59.01	1.6225	+ 7.7690	+ 0.2500	+ 0.48100	+ 8.50000	= 10.1225
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	59.01	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

[Rates at semcoenergy.com](http://www.semcoenergy.com)[Customer Attachment Program](#) surcharges are in addition to rates above[Understanding your bill at semcoenergygas.com](http://www.semcoenergygas.com)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

December, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+	1.07192 = 1.15756
Seasonal	10.00	0.08564	+	1.07192 = 1.15756
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+	10.7192 = 11.5706
Small Seasonal	15.00	0.8514	+	10.7192 = 11.5706
Large	72.00	0.6214	+	10.7192 = 11.3406
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+	1.07270 = 1.19270
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+	10.7270 = 11.5720
Interruptible	40.00	0.3300	+	10.7270 = 11.0570
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference:	see	Rate Books	for more details	
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**PRESQUE ISLE ELECTRIC & GAS Coop ***[Contact Presque Isle E&G Coop](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

November, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		<u>\$/unit</u>	<u>\$/unit</u>	<u>case no</u>
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Same</i>	8.1651	8.1651 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Decreased</i>	9.8000	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Same</i>	11.4400	11.4400 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	9.0000	10.5214 /Dth	U-15453
SEMCO-MPSC Div.	<i>Decreased</i>	10.1500	10.6889 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	11.2493	14.0668 /Dth	U-15622
Xcel Energy	<i>Same</i>	10.7270	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

November, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	9.5220	9.6872	8.7232	8.1651	8.1651		/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	8.1651	8.1651	8.1651	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600	10.7600	11.3600	11.3600	9.8000		/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	11.3600	11.3600	11.3600	11.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800	10.5800	12.8867	11.4400	11.4400		/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.5800	12.8867	11.4400	11.4400	11.4400	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7290	11.9246	11.9246	10.2500	9.0000		/Dth
-U-15453 - As Filed or as Ordered	10.7290	11.9246	11.9246	10.5214	10.5214	10.5214	/Dth
MPSC Division							
- As Currently Billed	11.2495	12.5546	12.5546	10.6889	10.1500		/Mcf
-U-15452 - As Filed or as Ordered	11.2495	12.5546	12.5546	10.6889	10.6889	10.6889	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.4068	11.5068	11.5068	11.5068	11.2493		/Dth
-U-15350 - As Filed or as Ordered	10.4068	11.5068	11.5068	11.5068			/Dth
-U-15622 - As Filed or as Ordered					14.0668		/Dth
Xcel Energy							
- As Currently Billed	10.3085	10.3085	10.7270	10.7270	10.7270		/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.7270	10.7270	10.7270	10.7270	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.81651	= 1.02121	\$111.12	-11%
Michigan Consolidated Gas Co	8.50	0.18676	+ 0.98000	= 1.16676	\$125.18	1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.14400	= 1.29657	\$137.66	11%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.01500	= 1.17317	\$127.32	2%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.90000	= 1.06389	\$118.63	-5%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.12493	= 1.21057	\$126.06	1%
Xcel Energy	6.50	0.12000	+ 1.07270	= 1.19270	\$125.77	1%
AVERAGE RATE	8.46	0.15310	1.00759	1.16070	\$124.53	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

November, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.81651	= 1.02121
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.81651	= 1.02121
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.1651	= 10.0355
General Service - Rate GS-2	16.00	1.68240	+ 8.1651	= 9.8475
General Service - Rate GS-3	468.00	0.87310	+ 8.1651	= 9.0382
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+	0.98000 = 1.16676
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+	0.98000 = 1.16812
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+	0.98000 = 1.16440
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+	0.98000 = 1.16676
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+	9.8000 = 11.8929
Rate GS-2	475.00	1.7191	+	9.8000 = 11.5191
Rate S	200.00	1.5932	+	9.8000 = 11.3932
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336		per contract
<i>Maximum (optional)</i>	1300.00	1.4114		per contract
<i>Minimum (optional)</i>	1300.00	0.2558		per contract
Rate LT (cost based rate)	3375.00	0.5723		per contract
<i>Maximum (optional)</i>	3375.00	0.9019		per contract
<i>Minimum (optional)</i>	3375.00	0.2427		per contract
Rate XLT (cost based rate)	11300.00	0.4325		per contract
<i>Maximum (optional)</i>	11300.00	0.6744		per contract
<i>Minimum (optional)</i>	11300.00	0.1906		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

November, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(1.10200	+ 0.04200	= 1.14400	)=	1.29657
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class II</i>	20.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class III</i>	60.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class IV</i>	100.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
Gas Light Rate-Residential	0.00	0.15257	+(1.10200	+ 0.04200	= 1.14400	)=	1.29657
Customer Choice-Residential				Balancing			
<u>alternative suppliers</u>	(see above)	(see above)	From Others	Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(11.0200	+ 0.4200	= 11.4400	)=	12.68600
Large General Service	300.00	0.92880	+(11.0200	+ 0.4200	= 11.4400	)=	12.36880
GasLight Rate-Commercial	0.00	1.24600	+(11.0200	+ 0.4200	= 11.4400	)=	12.68600
Customer Choice-Comm. & Ind.				Balancing			
<u>alternative suppliers</u>	(see above)	(see above)	From Others	Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

November, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge			
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor
Residential Service	10.00	0.15817	+(0.94758	+ 0.02500	+ 0.04242	= 1.01500)= 1.17317
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others	+ Balancing Recovery Surcharge	+ Capacity Demand Charge	
			+ per contract	+ 0.02500	+ 0.04242	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor
General Service (GS-1)	10.00	1.7488	+(9.47580	+ 0.2500	+ 0.4242	+ 10.1500)= 11.89880
General Service (GS-2)	35.00	1.2813	+(9.47580	+ 0.2500	+ 0.4242	+ 10.1500)= 11.43130
General Service (GS-3)	100.00	1.0062	+(9.47580	+ 0.2500	+ 0.4242	+ 10.1500)= 11.15620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others	+ Balancing Recovery Surcharge	+ Capacity Demand Charge	
			+ per contract	+ 0.25000	+ 0.42420	
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge (\$/Dth)
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.82690	+ 0.02500	+ 0.04810	= 0.90000	= 1.06389
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 8.2690	+ 0.2500	+ 0.48100	+ 9.00000	= 11.0764
General Service (GS-2)	25.00	13.08	1.9497	+ 8.2690	+ 0.2500	+ 0.48100	+ 9.00000	= 10.9497
General Service (GS-3)	100.00	59.01	1.6225	+ 8.2690	+ 0.2500	+ 0.48100	+ 9.00000	= 10.6225
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	59.01	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

November, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service				
Year-Round	5.00	0.08564	+ 1.12493	= 1.21057
Seasonal	10.00	0.08564	+ 1.12493	= 1.21057
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
Small	7.50	0.8514	+ 11.2493	= 12.1007
Small Seasonal	15.00	0.8514	+ 11.2493	= 12.1007
Large	72.00	0.6214	+ 11.2493	= 11.8707
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+	1.07270 = 1.19270
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+	10.7270 = 11.5720
Interruptible	40.00	0.3300	+	10.7270 = 11.0570
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference:	see	Rate Books	for more details	
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.[See AmeriGas rate book on MPSC gas rate book page](#)[See AmeriGas](#)**NON MICHIGAN-PSC REGULATED****MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *[Contact Aurora Gas Co](#)**CITIZENS GAS FUEL COMPANY ***[Contact Citizens Gas Fuel Co](#)**PRESQUE ISLE ELECTRIC & GAS Coop ***[Contact Presque Isle E&G Coop](#)**SUPERIOR ENERGY COMPANY ***[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

October, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	8.1651	8.1651 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Same</i>	11.3600	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Decreased</i>	11.4400	11.4400 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	10.2500	10.5214 /Dth	U-15453
SEMCO-MPSC Div.	<i>Decreased</i>	10.6889	10.6889 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Same</i>	11.5068	11.5068 /Dth	U-15350
Xcel Energy	<i>Same</i>	10.7270	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

October, 2008

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08 \$/unit	Aug-08 \$/unit	Sep-08 \$/unit	Oct-08 \$/unit	Nov-08 \$/unit	Dec-08 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	9.5220	9.6872	8.7232	8.1651			/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	8.1651	8.1651	8.1651	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600	10.7600	11.3600	11.3600			/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	11.3600	11.3600	11.3600	11.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800	10.5800	12.8867	11.4400			/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.5800	12.8867	11.4400	11.4400	11.4400	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7290	11.9246	11.9246	10.2500			/Dth
-U-15453 - As Filed or as Ordered	10.7290	11.9246	11.9246	10.5214	10.5214	10.5214	/Dth
MPSC Division							
- As Currently Billed	11.2495	12.5546	12.5546	10.6889			/Mcf
-U-15452 - As Filed or as Ordered	11.2495	12.5546	12.5546	10.6889	10.6889	10.6889	/Mcf
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	10.4068	11.5068	11.5068	11.5068			/Dth
-U-15350 - As Filed or as Ordered	10.4068	11.5068	11.5068	11.5068			/Dth
Xcel Energy							
- As Currently Billed	10.3085	10.3085	10.7270	10.7270			/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.7270	10.7270	10.7270	10.7270	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.81651	= 1.02121	\$111.12	-14%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.13600	= 1.32276	\$140.78	9%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.14400	= 1.29657	\$137.66	6%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.06889	= 1.22706	\$132.71	2%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 1.02500	= 1.18889	\$131.13	1%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.15068	= 1.23632	\$128.63	-1%
Xcel Energy	6.50	0.12000	+ 1.07270	= 1.19270	\$125.77	-3%
AVERAGE RATE	8.46	0.15310	1.05911	1.21222	\$129.68	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

October, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.81651	= 1.02121
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.81651	= 1.02121
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.1651	= 10.0355
General Service - Rate GS-2	16.00	1.68240	+ 8.1651	= 9.8475
General Service - Rate GS-3	468.00	0.87310	+ 8.1651	= 9.0382
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 1.13600	= 1.32276
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 1.13600	= 1.32412
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 1.13600	= 1.32040
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 1.13600	= 1.32276
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 11.3600	= 13.4529
Rate GS-2	475.00	1.7191	+ 11.3600	= 13.0791
Rate S	200.00	1.5932	+ 11.3600	= 12.9532
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

October, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(1.10200	+ 0.04200	= 1.14400	)=	1.29657
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class II</i>	20.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class III</i>	60.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
<i>Meter Class IV</i>	100.00	0.09715	+(1.10200	+ 0.04200	= 1.14400	)=	1.24115
Gas Light Rate-Residential	0.00	0.15257	+(1.10200	+ 0.04200	= 1.14400	)=	1.29657
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(11.0200	+ 0.4200	= 11.4400	)=	12.68600
Large General Service	300.00	0.92880	+(11.0200	+ 0.4200	= 11.4400	)=	12.36880
GasLight Rate-Commercial	0.00	1.24600	+(11.0200	+ 0.4200	= 11.4400	)=	12.68600
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

October, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge			
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor
Residential Service	10.00	0.15817	+(1.00147	+ 0.02500	+ 0.04242	= 1.06889)= 1.22706
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others	Balancing Recovery Surcharge	Capacity Demand Charge	
			+ per contract	+ 0.02500	+ 0.04242	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor
General Service (GS-1)	10.00	1.7488	+(10.01470	+ 0.2500	+ 0.4242	+ 10.6889)= 12.43770
General Service (GS-2)	35.00	1.2813	+(10.01470	+ 0.2500	+ 0.4242	+ 10.6889)= 11.97020
General Service (GS-3)	100.00	1.0062	+(10.01470	+ 0.2500	+ 0.4242	+ 10.6889)= 11.69510
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others	Balancing Recovery Surcharge	Capacity Demand Charge	
			+ per contract	+ 0.25000	+ 0.42420	
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.95190	+ 0.02500	+ 0.04810	= 1.02500	= 1.18889
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04810	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 9.5190	+ 0.2500	+ 0.48100	+ 10.25000	= 12.3264
General Service (GS-2)	25.00	0	1.9497	+ 9.5190	+ 0.2500	+ 0.48100	+ 10.25000	= 12.1997
General Service (GS-3)	100.00	0	1.6225	+ 9.5190	+ 0.2500	+ 0.48100	+ 10.25000	= 11.8725
Transportation	Customer Charge (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

October, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 1.15068	= 1.23632
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	7.50	0.8514	+ 11.5068	= 12.3582
<i>Large</i>	72.00	0.6214	+ 11.5068	= 12.1282
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 1.07270	= 1.19270
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 10.7270	= 11.5720
Interruptible	40.00	0.3300	+ 10.7270	= 11.0570
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see		for more details		
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

September, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	8.7232	9.9231 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Increased</i>	11.3600	11.3600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Increased</i>	12.8867	12.8867 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	11.9246	11.9246 /Dth	U-15453
SEMCO-MPSC Div.	<i>Same</i>	12.5546	12.5546 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Same</i>	11.5068	11.5068 /Dth	U-15350
Xcel Energy	<i>Increased</i>	10.7270	10.7270 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

September, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	9.5220	9.6872	8.7232				/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	9.9231	9.9231	9.9231	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600	10.7600	11.3600				/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	11.3600	8.3600	8.3600	8.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800	10.5800	12.8867				/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.5800	12.8867	10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7290	11.9246	11.9246				/Dth
-U-15453 - As Filed or as Ordered	10.7290	11.9246	11.9246	11.9246	11.9246	11.9246	/Dth
MPSC Division							
- As Currently Billed	11.2495	12.5546	12.5546				/Mcf
-U-15452 - As Filed or as Ordered	11.2495	12.5546	12.5546	12.5546	12.5546	12.5546	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	10.4068	11.5068	11.5068				/Dth
-U-15350 - As Filed or as Ordered	10.4068	11.5068	11.5068	11.5068			/Dth
							/Dth
Xcel Energy							
- As Currently Billed	10.3085	10.3085	10.7270				/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.7270	10.3085	10.3085	10.3085	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.87232	= 1.07702	\$116.70	-15%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.13600	= 1.32276	\$140.78	2%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.28867	= 1.44124	\$152.12	11%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.25546	= 1.41363	\$151.36	10%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 1.19246	= 1.35635	\$147.88	7%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.15068	= 1.23632	\$128.63	-7%
Xcel Energy	6.50	0.12000	+ 1.07270	= 1.19270	\$125.77	-9%
AVERAGE RATE	8.46	0.15310	1.13833	1.29143	\$137.61	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

September, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.87232	= 1.07702
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.87232	= 1.07702
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.7232	= 10.5936
General Service - Rate GS-2	16.00	1.68240	+ 8.7232	= 10.4056
General Service - Rate GS-3	468.00	0.87310	+ 8.7232	= 9.5963
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

September, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 1.13600	= 1.32276
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 1.13600	= 1.32412
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 1.13600	= 1.32040
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 1.13600	= 1.32276
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 11.3600	= 13.4529
Rate GS-2	475.00	1.7191	+ 11.3600	= 13.0791
Rate S	200.00	1.5932	+ 11.3600	= 12.9532
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

September, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(1.24667	+ 0.04200	= 1.28867	)=	1.44124
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(1.24667	+ 0.04200	= 1.28867	)=	1.38582
<i>Meter Class II</i>	20.00	0.09715	+(1.24667	+ 0.04200	= 1.28867	)=	1.38582
<i>Meter Class III</i>	60.00	0.09715	+(1.24667	+ 0.04200	= 1.28867	)=	1.38582
<i>Meter Class IV</i>	100.00	0.09715	+(1.24667	+ 0.04200	= 1.28867	)=	1.38582
Gas Light Rate-Residential	0.00	0.15257	+(1.24667	+ 0.04200	= 1.28867	)=	1.44124
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(12.4667	+ 0.4200	= 12.8867	)=	14.13270
Large General Service	300.00	0.92880	+(12.4667	+ 0.4200	= 12.8867	)=	13.81550
GasLight Rate-Commercial	0.00	1.24600	+(12.4667	+ 0.4200	= 12.8867	)=	14.13270
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

September, 2008

SEMCO MPSC Division

	Customer Charge		Distribution Charge								Total Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)							
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor				
Residential Service	10.00		0.15817	+(1.18804	+ 0.02500	+ 0.04242	= 1.25546	)=	1.41363	
Customer Choice-Residential alternative suppliers	10.00		0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge					
				+ per contract	+ 0.02500	+ 0.04242					
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)							
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor				
General Service (GS-1)	10.00		1.7488	+(11.88040	+ 0.2500	+ 0.4242	+ 12.5546	)=	14.30340	
General Service (GS-2)	35.00		1.2813	+(11.88040	+ 0.2500	+ 0.4242	+ 12.5546	)=	13.83590	
General Service (GS-3)	100.00		1.0062	+(11.88040	+ 0.2500	+ 0.4242	+ 12.5546	)=	13.56080	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge					
				+ per contract	+ 0.25000	+ 0.42420					
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge				
Transportation	(\$/month)		(\$/month)		(Nov - Mar)	(Apr - Oct)					
					\$/Dth	\$/Dth	\$/Dth				
TR-1	375.00		75.00	per contract	0.7191	0.5691	0.0344				
TR-2	1050.00		75.00	per contract	0.5681	0.4181	0.0344				
TR-3	3000.00		75.00	per contract	0.5013	0.3513	0.0344				

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 1.11936	+ 0.02500	+ 0.04810	= 1.19246	= 1.35635
Customer Choice alternate suppliers	11.00	1.24	0.16389	+ From Others	+ 0.02500	+ 0.04810		
				+ per contract				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 11.1936	+ 0.2500	+ 0.48100	+ 11.92460	= 14.0010
General Service (GS-2)	25.00	0	1.9497	+ 11.1936	+ 0.2500	+ 0.48100	+ 11.92460	= 13.8743
General Service (GS-3)	100.00	0	1.6225	+ 11.1936	+ 0.2500	+ 0.48100	+ 11.92460	= 13.5471
Transportation	(\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

[Rates at semcoenergy.com](http://Rates.at.semcoenergy.com)[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](http://Understanding.your.bill.at.semcoenergygas.com)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

September, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 1.15068	= 1.23632
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	7.50	0.8514	+ 11.5068	= 12.3582
<i>Large</i>	72.00	0.6214	+ 11.5068	= 12.1282
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)	(volumetric charges in \$/Therm metered)			
Sales				From Utility		
Residential Service	6.50	0.12000	+	1.07270	=	1.19270
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)	(volumetric charges in \$/Dth metered)			
Sales				From Utility		
Firm	14.00	0.8450	+	10.7270	=	11.5720
Interruptible	40.00	0.3300	+	10.7270	=	11.0570
	Customer Charge	Meter Charge		Admin Charge		Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)		\$/Dth
Firm	40.00	25.00		25.00		0.3300
Rates Reference:		see	for more details			
Rate Information at		xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

August, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	9.6872	9.9231 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Same</i>	10.7600	10.7600 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Same</i>	10.5800	10.5800 /Mcf	U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	11.9246	11.9246 /Dth	U-15453
SEMCO-MPSC Div.	<i>Increased</i>	12.5546	12.5546 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	11.5068	11.5068 /Dth	U-15350
Xcel Energy	<i>Same</i>	10.3085	10.3085 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

August, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
		(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *							
		(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Company							
- As Currently Billed	9.5220	9.6872					/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	9.9231	9.9231	9.9231	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600	10.7600					/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	10.7600	8.3600	8.3600	8.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800	10.5800					/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.5800	10.0792	10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
		(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7290	11.9246					/Dth
-U-15453 - As Filed or as Ordered	10.7290	11.9246	11.9246	11.9246	11.9246	11.9246	/Dth
MPSC Division							
- As Currently Billed	11.2495	12.5546					/Mcf
-U-15452 - As Filed or as Ordered	11.2495	12.5546	12.5546	12.5546	12.5546	12.5546	/Mcf
Superior Energy Company *							
		(Rates set by local government regulation, not by the MPSC)					
Wisc Public Service Corp							
- As Currently Billed	10.4068	11.5068					/Dth
-U-15350 - As Filed or as Ordered	10.4068	11.5068	11.5068	11.5068			/Dth
							/Dth
Xcel Energy							
- As Currently Billed	10.3085	10.3085					/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.3085	10.3085	10.3085	10.3085	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.96872	= 1.17342	\$126.34	-6%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.07600	= 1.26276	\$134.78	0%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.05800	= 1.21057	\$129.06	-4%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.25546	= 1.41363	\$151.36	13%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 1.19246	= 1.35635	\$147.88	10%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.15068	= 1.23632	\$128.63	-4%
Xcel Energy	6.50	0.12000	+ 1.03085	= 1.15085	\$121.59	-9%
AVERAGE RATE	8.46	0.15310	1.10460	1.25770	\$134.23	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.96872	= 1.17342
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.96872	= 1.17342
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 9.6872	= 11.5576
General Service - Rate GS-2	16.00	1.68240	+ 9.6872	= 11.3696
General Service - Rate GS-3	468.00	0.87310	+ 9.6872	= 10.5603
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 1.07600	= 1.26276
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 1.07600	= 1.26412
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 1.07600	= 1.26040
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 1.07600	= 1.26276
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
			(volumetric charges in \$/Mcf metered)	
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 10.7600	= 12.8529
Rate GS-2	475.00	1.7191	+ 10.7600	= 12.4791
Rate S	200.00	1.5932	+ 10.7600	= 12.3532
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

August, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(1.01600	+ 0.04200	= 1.05800	)=	1.21057
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
<i>Meter Class II</i>	20.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
<i>Meter Class III</i>	60.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
<i>Meter Class IV</i>	100.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
Gas Light Rate-Residential	0.00	0.15257	+(1.01600	+ 0.04200	= 1.05800	)=	1.21057
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(10.1600	+ 0.4200	= 10.5800	)=	11.82600
Large General Service	300.00	0.92880	+(10.1600	+ 0.4200	= 10.5800	)=	11.50880
GasLight Rate-Commercial	0.00	1.24600	+(10.1600	+ 0.4200	= 10.5800	)=	11.82600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

August, 2008

SEMCO MPSC Division

	Customer Charge		Distribution Charge							Total Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor			
Residential Service	10.00		0.15817	+(1.18804	+ 0.02500	+ 0.04242	= 1.25546	)=	1.41363
Customer Choice-Residential alternative suppliers	10.00		0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge				
				+ per contract	+ 0.02500	+ 0.04242				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor			
General Service (GS-1)	10.00		1.7488	+(11.88040	+ 0.2500	+ 0.4242	+ 12.5546	)=	14.30340
General Service (GS-2)	35.00		1.2813	+(11.88040	+ 0.2500	+ 0.4242	+ 12.5546	)=	13.83590
General Service (GS-3)	100.00		1.0062	+(11.88040	+ 0.2500	+ 0.4242	+ 12.5546	)=	13.56080
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge				
				+ per contract	+ 0.25000	+ 0.42420				
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth			
TR-1	375.00	75.00		per contract	0.7191	0.5691	0.0344			
TR-2	1050.00	75.00		per contract	0.5681	0.4181	0.0344			
TR-3	3000.00	75.00		per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 1.11936	+ 0.02500	+ 0.04810	= 1.19246	= 1.35635
Customer Choice alternate suppliers	11.00	1.24	0.16389	+ From Others	+ 0.02500	+ 0.04810		
				+ per contract				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 11.1936	+ 0.2500	+ 0.48100	+ 11.92460	= 14.0010
General Service (GS-2)	25.00	0	1.9497	+ 11.1936	+ 0.2500	+ 0.48100	+ 11.92460	= 13.8743
General Service (GS-3)	100.00	0	1.6225	+ 11.1936	+ 0.2500	+ 0.48100	+ 11.92460	= 13.5471
Transportation	Customer Charge (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

August, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 1.15068	= 1.23632
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	7.50	0.8514	+ 11.5068	= 12.3582
<i>Large</i>	72.00	0.6214	+ 11.5068	= 12.1282
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 1.03085	= 1.15085
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 10.3085	= 11.1535
Interruptible	40.00	0.3300	+ 10.3085	= 10.6385
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

July, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	9.5220	9.9231	/Mcf U-15454
Michigan Consolidated Gas Co	<i>Increased</i>	10.7600	10.7600	/Mcf U-15451
Michigan Gas Utilities Corp	<i>Increased</i>	10.5800	10.5800	/Mcf U-15450
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	10.7029	10.7029	/Dth U-15453
SEMCO-MPSC Div.	<i>Increased</i>	11.2495	11.2495	/Mcf U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>No Change</i>	10.4068	10.4068	/Dth U-15350
Xcel Energy	<i>Increased</i>	10.3085	10.3085	/Dth U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.07920	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

July, 2008

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08 \$/unit	Aug-08 \$/unit	Sep-08 \$/unit	Oct-08 \$/unit	Nov-08 \$/unit	Dec-08 \$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	9.5220						/Mcf
-U-15454 - As Filed or as Ordered	9.9231	9.9231	9.9231	9.9231	9.9231	9.9231	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	10.7600						/Mcf
-U-15451 - As Filed or as Ordered	10.7600	10.7600	10.7600	8.3600	8.3600	8.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	10.5800						/Mcf
-U-15450 - As Filed or as Ordered	10.5800	10.0792	10.0792	10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	10.7029						/Dth
-U-15453 - As Filed or as Ordered	10.7029	10.7029	10.7029	10.7029	10.7029	10.7029	/Dth
MPSC Division							
- As Currently Billed	11.2495						/Mcf
-U-15452 - As Filed or as Ordered	11.2495	11.2495	11.2495	11.2495	11.2495	11.2495	/Mcf
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	10.4068						/Dth
-U-15350 - As Filed or as Ordered	10.4068	10.4068	10.4068	10.4068			/Dth
Xcel Energy							
- As Currently Billed	10.3085						/Dth
-U-15455 - As Filed or as Ordered	10.3085	10.3085	10.3085	10.3085	10.3085	10.3085	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.95220	= 1.15690	\$124.69	-3%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.07600	= 1.26276	\$134.78	5%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.05800	= 1.21057	\$129.06	0%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.12495	= 1.28312	\$138.31	7%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 1.07029	= 1.23418	\$135.66	5%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.04068	= 1.12632	\$117.63	-9%
Xcel Energy	6.50	0.12000	+ 1.03085	= 1.15085	\$121.59	-6%
AVERAGE RATE	8.46	0.15310	1.05042	1.20353	\$128.82	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

July, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.95220	= 1.15690
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.95220	= 1.15690
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 9.5220	= 11.3924
General Service - Rate GS-2	16.00	1.68240	+ 9.5220	= 11.2044
General Service - Rate GS-3	468.00	0.87310	+ 9.5220	= 10.3951
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

July, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+	1.07600 = 1.26276
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+	1.07600 = 1.26412
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+	1.07600 = 1.26040
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+	1.07600 = 1.26276
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+	10.7600 = 12.8529
Rate GS-2	475.00	1.7191	+	10.7600 = 12.4791
Rate S	200.00	1.5932	+	10.7600 = 12.3532
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336		per contract
<i>Maximum (optional)</i>	1300.00	1.4114		per contract
<i>Minimum (optional)</i>	1300.00	0.2558		per contract
Rate LT (cost based rate)	3375.00	0.5723		per contract
<i>Maximum (optional)</i>	3375.00	0.9019		per contract
<i>Minimum (optional)</i>	3375.00	0.2427		per contract
Rate XLT (cost based rate)	11300.00	0.4325		per contract
<i>Maximum (optional)</i>	11300.00	0.6744		per contract
<i>Minimum (optional)</i>	11300.00	0.1906		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

July, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(1.01600	+ 0.04200	= 1.05800	)=	1.21057
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
<i>Meter Class II</i>	20.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
<i>Meter Class III</i>	60.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
<i>Meter Class IV</i>	100.00	0.09715	+(1.01600	+ 0.04200	= 1.05800	)=	1.15515
Gas Light Rate-Residential	0.00	0.15257	+(1.01600	+ 0.04200	= 1.05800	)=	1.21057
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(10.1600	+ 0.4200	= 10.5800	)=	11.82600
Large General Service	300.00	0.92880	+(10.1600	+ 0.4200	= 10.5800	)=	11.50880
GasLight Rate-Commercial	0.00	1.24600	+(10.1600	+ 0.4200	= 10.5800	)=	11.82600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

July, 2008

SEMCO MPSC Division

	Customer Charge		Distribution Charge							Total Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor			
Residential Service	10.00		0.15817	+(1.05786	+ 0.02500	+ 0.04209	= 1.12495	=	1.28312	
Customer Choice-Residential alternative suppliers	10.00		0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge				
				+ per contract	+ 0.02500	+ 0.04209				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor			
General Service (GS-1)	10.00		1.7488	+(10.57860	+ 0.2500	+ 0.4209	+ 11.2495	=	12.99830	
General Service (GS-2)	35.00		1.2813	+(10.57860	+ 0.2500	+ 0.4209	+ 11.2495	=	12.53080	
General Service (GS-3)	100.00		1.0062	+(10.57860	+ 0.2500	+ 0.4209	+ 11.2495	=	12.25570	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge				
				+ per contract	+ 0.25000	+ 0.42090				
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge			
Transportation	(\$/month)		(\$/month)		(Nov - Mar)	(Apr - Oct)				
					\$/Dth	\$/Dth	\$/Dth			
TR-1	375.00		75.00	per contract	0.7191	0.5691	0.0344			
TR-2	1050.00		75.00	per contract	0.5681	0.4181	0.0344			
TR-3	3000.00		75.00	per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.99782	+ 0.02500	+ 0.04747	= 1.07029	= 1.23418
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04747		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 9.9782	+ 0.2500	+ 0.47470	+ 10.70290	= 12.7793
General Service (GS-2)	25.00	0	1.9497	+ 9.9782	+ 0.2500	+ 0.47470	+ 10.70290	= 12.6526
General Service (GS-3)	100.00	0	1.6225	+ 9.9782	+ 0.2500	+ 0.47470	+ 10.70290	= 12.3254
Transportation	(\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

July, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 1.04068	= 1.12632
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	7.50	0.8514	+ 10.4068	= 11.2582
<i>Large</i>	72.00	0.6214	+ 10.4068	= 11.0282
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)				
Sales				From Utility		
Residential Service	6.50	0.12000	+	1.03085	=	1.15085
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)				
Sales				From Utility		
Firm	14.00	0.8450	+	10.3085	=	11.1535
Interruptible	40.00	0.3300	+	10.3085	=	10.6385
	Customer Charge	Meter Charge		Admin Charge		Distribution Charge
Transportation	(\$/month)	(\$/month)		(\$/month)		\$/Dth
Firm	40.00	25.00		25.00		0.3300
Rates Reference: see		for more details				
Rate Information at xcelenergy.com						

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

June, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	9.2152	9.5196 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Same</i>	10.0500	10.0500 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Same</i>	10.0792	10.0792 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	10.0598	10.0598 /Dth	U-15453
SEMCO-MPSC Div.	<i>Same</i>	10.6371	10.6371 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	10.4068	10.4068 /Dth	U-15350
Xcel Energy	<i>Same</i>	9.9797	9.9797 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June, 2008

Calendar Year of GCR Factors

PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073	9.2152	/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500	10.0500	/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792	10.0792	/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598	10.0598	/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371	10.6371	/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662	10.4068	/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797	9.9797	/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

June, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-15454 - As Filed or as Ordered	9.5196	9.5196	9.5196	9.5196	9.5196	9.5196	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-U-15451 - As Filed or as Ordered	8.3600	8.3600	8.3600	8.3600	8.3600	8.3600	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-15450 - As Filed or as Ordered	10.0792	10.0792	10.0792	10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed							/Dth
-U-15453 - As Filed or as Ordered	10.0598	10.0598	10.0598	10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed							/Mcf
-U-15452 - As Filed or as Ordered	10.6371	10.6371	10.6371	10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-U-15350 - As Filed or as Ordered	10.4068	10.4068	10.4068	10.4068			/Dth
Xcel Energy							/Dth
- As Currently Billed							/Dth
-U-15455 - As Filed or as Ordered	9.9797	9.9797	9.9797	9.9797	9.9797	9.9797	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.92152	= 1.12622	\$121.62	-2%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.00500	= 1.19176	\$127.68	3%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.00792	= 1.16049	\$124.05	0%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.06371	= 1.22188	\$132.19	6%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 1.00598	= 1.16987	\$129.23	4%
Wisconsin Public Service Corp	5.00	0.08564	+ 1.04068	= 1.12632	\$117.63	-5%
Xcel Energy	6.50	0.12000	+ 0.99797	= 1.11797	\$118.30	-5%
AVERAGE RATE	8.46	0.15310	1.00611	1.15922	\$124.38	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.92152	= 1.12622
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.92152	= 1.12622
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 9.2152	= 11.0856
General Service - Rate GS-2	16.00	1.68240	+ 9.2152	= 10.8976
General Service - Rate GS-3	468.00	0.87310	+ 9.2152	= 10.0883
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

June, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 1.00500	= 1.19176
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 1.00500	= 1.19312
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 1.00500	= 1.18940
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 1.00500	= 1.19176
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 10.0500	= 12.1429
Rate GS-2	475.00	1.7191	+ 10.0500	= 11.7691
Rate S	200.00	1.5932	+ 10.0500	= 11.6432
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

June, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.96592	+ 0.04200	= 1.00792	)=	1.16049
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
<i>Meter Class II</i>	20.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
<i>Meter Class III</i>	60.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
<i>Meter Class IV</i>	100.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
Gas Light Rate-Residential	0.00	0.15257	+(0.96592	+ 0.04200	= 1.00792	)=	1.16049
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(9.6592	+ 0.4200	= 10.0792	)=	11.32520
Large General Service	300.00	0.92880	+(9.6592	+ 0.4200	= 10.0792	)=	11.00800
GasLight Rate-Commercial	0.00	1.24600	+(9.6592	+ 0.4200	= 10.0792	)=	11.32520
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

June, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge			
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor
Residential Service	10.00	0.15817	+(0.99662	+ 0.02500	+ 0.04209	= 1.06371)= 1.22188
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04209	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor
General Service (GS-1)	10.00	1.7488	+(9.96620	+ 0.2500	+ 0.4209	+ 10.6371)= 12.38590
General Service (GS-2)	35.00	1.2813	+(9.96620	+ 0.2500	+ 0.4209	+ 10.6371)= 11.91840
General Service (GS-3)	100.00	1.0062	+(9.96620	+ 0.2500	+ 0.4209	+ 10.6371)= 11.64330
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42090	
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.93351	+ 0.02500	+ 0.04747	= 1.00598	= 1.16987
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04747		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 9.3351	+ 0.2500	+ 0.47470	+ 10.05980	= 12.1362
General Service (GS-2)	25.00	0	1.9497	+ 9.3351	+ 0.2500	+ 0.47470	+ 10.05980	= 12.0095
General Service (GS-3)	100.00	0	1.6225	+ 9.3351	+ 0.2500	+ 0.47470	+ 10.05980	= 11.6823
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 1.04068	= 1.12632
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	7.50	0.8514	+ 10.4068	= 11.2582
<i>Large</i>	72.00	0.6214	+ 10.4068	= 11.0282
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+	0.99797 = 1.11797
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+	9.9797 = 10.8247
Interruptible	40.00	0.3300	+	9.9797 = 10.3097
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see		for more details		
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

May, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	8.9073	9.5196	/Mcf U-15454
Michigan Consolidated Gas Co	<i>Same</i>	10.0500	10.0500	/Mcf U-15451
Michigan Gas Utilities Corp	<i>Increased</i>	10.0792	10.0792	/Mcf U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	10.0598	10.0598	/Dth U-15453
SEMCO-MPSC Div.	<i>Increased</i>	10.6371	10.6371	/Mcf U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	9.6662	10.4068	/Dth U-15350
Xcel Energy	<i>Same</i>	9.9797	9.9797	/Dth U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547	8.9073		/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500	10.0500		/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576	10.0792		/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500	10.0598		/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500	10.6371		/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568	9.6662		/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	10.4068	10.4068	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797	9.9797		/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

May, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-15454 - As Filed or as Ordered	9.5196	9.5196	9.5196	9.5196	9.5196	9.5196	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-U-15451 - As Filed or as Ordered	10.0500	10.0500	10.0500	10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
-U-15450 - As Filed or as Ordered	10.0792	10.0792	10.0792	10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed							/Dth
-U-15453 - As Filed or as Ordered	10.0598	10.0598	10.0598	10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed							/Mcf
-U-15452 - As Filed or as Ordered	10.6371	10.6371	10.6371	10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-U-15350 - As Filed or as Ordered	10.4068	10.4068	10.4068	10.4068			/Dth
Xcel Energy							/Dth
- As Currently Billed							/Dth
-U-15455 - As Filed or as Ordered	9.9797	9.9797	9.9797	9.9797	9.9797	9.9797	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *						(Rates set by local government regulation, not by the MPSC)
Consumers Energy Co	9.00	0.20470	+ 0.89073	= 1.09543	\$118.54	-4%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.00500	= 1.19176	\$127.68	4%
Michigan Gas Utilities Corp	8.00	0.15257	+ 1.00792	= 1.16049	\$124.05	1%
Presque Isle E. & G. Coop. *						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 1.06371	= 1.22188	\$132.19	8%
Superior Energy Company *						(Rates set by local government regulation, not by the MPSC)
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 1.00598	= 1.16987	\$129.23	5%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.96662	= 1.05226	\$110.23	-10%
Xcel Energy	6.50	0.12000	+ 0.99797	= 1.11797	\$118.30	-4%
AVERAGE RATE	8.46	0.15310	0.99113	1.14424	\$122.89	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

May, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.89073	= 1.09543
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.89073	= 1.09543
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.9073	= 10.7777
General Service - Rate GS-2	16.00	1.68240	+ 8.9073	= 10.5897
General Service - Rate GS-3	468.00	0.87310	+ 8.9073	= 9.7804
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

May, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 1.00500	= 1.19176
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 1.00500	= 1.19312
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 1.00500	= 1.18940
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 1.00500	= 1.19176
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 10.0500	= 12.1429
Rate GS-2	475.00	1.7191	+ 10.0500	= 11.7691
Rate S	200.00	1.5932	+ 10.0500	= 11.6432
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

May, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.96592	+ 0.04200	= 1.00792	)=	1.16049
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
Meter Class II	20.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
Meter Class III	60.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
Meter Class IV	100.00	0.09715	+(0.96592	+ 0.04200	= 1.00792	)=	1.10507
Gas Light Rate-Residential	0.00	0.15257	+(0.96592	+ 0.04200	= 1.00792	)=	1.16049
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(9.6592	+ 0.4200	= 10.0792	)=	11.32520
Large General Service	300.00	0.92880	+(9.6592	+ 0.4200	= 10.0792	)=	11.00800
GasLight Rate-Commercial	0.00	1.24600	+(9.6592	+ 0.4200	= 10.0792	)=	11.32520
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract +	0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				

Customer Attachment Program

surcharges are in addition to rates above

Rates at michigangasutilities.com

Understanding your bill at michigangasutilities.com

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

May, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.99662	+ 0.02500	+ 0.04209	= 1.06371	= 1.22188
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04209		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(9.96620	+ 0.2500	+ 0.4209	+ 10.6371	= 12.38590
General Service (GS-2)	35.00	1.2813	+(9.96620	+ 0.2500	+ 0.4209	+ 10.6371	= 11.91840
General Service (GS-3)	100.00	1.0062	+(9.96620	+ 0.2500	+ 0.4209	+ 10.6371	= 11.64330
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42090		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)						
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.93351	+ 0.02500	+ 0.04747	= 1.00598	= 1.16987
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04747	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)							
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 9.3351	+ 0.2500	+ 0.47470	+ 10.05980	= 12.1362
General Service (GS-2)	25.00	0	1.9497	+ 9.3351	+ 0.2500	+ 0.47470	+ 10.05980	= 12.0095
General Service (GS-3)	100.00	0	1.6225	+ 9.3351	+ 0.2500	+ 0.47470	+ 10.05980	= 11.6823
Transportation	Customer Charge (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

May, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.96662	= 1.05226
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	7.50	0.8514	+ 9.6662	= 10.5176
<i>Large</i>	72.00	0.6214	+ 9.6662	= 10.2876
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.99797	= 1.11797
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 9.9797	= 10.8247
Interruptible	40.00	0.3300	+ 9.9797	= 10.3097
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see		for more details		
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

GAS COST RECOVERY FACTORS

April, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		<u>\$/unit</u>	<u>\$/unit</u>	<u>case no</u>
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	8.9547	9.5196 /Mcf	U-15454
Michigan Consolidated Gas Co	<i>Increased</i>	10.0500	10.0500 /Mcf	U-15451
Michigan Gas Utilities Corp	<i>Increased</i>	8.4576	10.0792 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Same</i>	8.0500	10.0598 /Dth	U-15453
SEMCO-MPSC Div.	<i>Increased</i>	8.2500	10.6371 /Mcf	U-15452
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Increased</i>	8.5568	8.5568 /Dth	U-15350
Xcel Energy	<i>Increased</i>	9.9797	9.9797 /Dth	U-15455

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934	8.9547			/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				9.5196	9.5196	9.5196	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900	10.0500			/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered				10.0500	10.0500	10.0500	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900	8.4576			/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500	8.0500			/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200	8.2500			/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905	8.5568			/Dth
-U-15350 - As Ordered	8.5568	8.5568	8.5568	8.5568	8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032	9.9797			/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered				9.9797	9.9797	9.9797	/Dth

GAS COST RECOVERY FACTOR HISTORY

April, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-U-15454 - As Filed or as Ordered	9.5196	9.5196	9.5196	9.5196	9.5196	9.5196	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-U-15451 - As Filed or as Ordered	8.3600	8.3600	8.3600	8.3600	8.3600	8.3600	/Mcf
Michigan Gas Utilities Corp							/Mcf
- As Currently Billed							/Mcf
-U-15450 - As Filed or as Ordered	10.0792	10.0792	10.0792	10.0792	10.0792	10.0792	/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed							/Dth
-U-15453 - As Filed or as Ordered	10.0598	10.0598	10.0598	10.0598	10.0598	10.0598	/Dth
MPSC Division							
- As Currently Billed							/Mcf
-U-15452 - As Filed or as Ordered	10.6371	10.6371	10.6371	10.6371	10.6371	10.6371	/Mcf
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-U-15350 - As Ordered	8.5568	8.5568	8.5568	8.5568			/Dth
Xcel Energy							/Dth
- As Currently Billed							/Dth
-U-15455 - As Filed or as Ordered	9.9797	9.9797	9.9797	9.9797	9.9797	9.9797	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aurora Gas Company *						
(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *						
(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Co	9.00	0.20470	+ 0.89547	= 1.10017	\$119.02	6%
Michigan Consolidated Gas Co	8.50	0.18676	+ 1.00500	= 1.19176	\$127.68	13%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.84576	= 0.99833	\$107.83	-4%
Presque Isle E. & G. Coop. *						
(Rates set by local government regulation, not by the MPSC)						
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.82500	= 0.98317	\$108.32	-4%
Superior Energy Company *						
(Rates set by local government regulation, not by the MPSC)						
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.80500	= 0.96889	\$109.13	-3%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.85568	= 0.94132	\$99.13	-12%
Xcel Energy	6.50	0.12000	+ 0.99797	= 1.11797	\$118.30	5%
AVERAGE RATE	8.46	0.15310	0.88998	1.04309	\$112.77	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.89547	= 1.10017
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.89547	= 1.10017
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 8.9547	= 10.8251
General Service - Rate GS-2	16.00	1.68240	+ 8.9547	= 10.6371
General Service - Rate GS-3	468.00	0.87310	+ 8.9547	= 9.8278
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

April, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 1.00500	= 1.19176
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 1.00500	= 1.19312
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 1.00500	= 1.18940
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 1.00500	= 1.19176
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 10.0500	= 12.1429
Rate GS-2	475.00	1.7191	+ 10.0500	= 11.7691
Rate S	200.00	1.5932	+ 10.0500	= 11.6432
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

April, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.80376	+ 0.04200	= 0.84576	)=	0.99833
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.80376	+ 0.04200	= 0.84576	)=	0.94291
<i>Meter Class II</i>	20.00	0.09715	+(0.80376	+ 0.04200	= 0.84576	)=	0.94291
<i>Meter Class III</i>	60.00	0.09715	+(0.80376	+ 0.04200	= 0.84576	)=	0.94291
<i>Meter Class IV</i>	100.00	0.09715	+(0.80376	+ 0.04200	= 0.84576	)=	0.94291
Gas Light Rate-Residential	0.00	0.15257	+(0.80376	+ 0.04200	= 0.84576	)=	0.99833
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(8.0376	+ 0.4200	= 8.4576	)=	9.70360
Large General Service	300.00	0.92880	+(8.0376	+ 0.4200	= 8.4576	)=	9.38640
GasLight Rate-Commercial	0.00	1.24600	+(8.0376	+ 0.4200	= 8.4576	)=	9.70360
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)

[Understanding your bill at michigangasutilities.com](#)

Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

April, 2008

SEMCO MPSC Division

	Customer Charge		Distribution Charge							Total Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor			
Residential Service	10.00		0.15817	+(0.76056	+ 0.02500	+ 0.03944	= 0.82500	)=	0.98317
Customer Choice-Residential alternative suppliers	10.00		0.15817	+ From Others per contract	+ 0.02500	+ 0.03944				
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor			
General Service (GS-1)	10.00		1.7488	+(7.60560	+ 0.2500	+ 0.3944	+ 8.2500	)=	9.99880
General Service (GS-2)	35.00		1.2813	+(7.60560	+ 0.2500	+ 0.3944	+ 8.2500	)=	9.53130
General Service (GS-3)	100.00		1.0062	+(7.60560	+ 0.2500	+ 0.3944	+ 8.2500	)=	9.25620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ 0.25000	+ 0.39440				
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge			
Transportation	(\$/month)		(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth	\$/Dth			
TR-1	375.00		75.00	per contract	0.7191	0.5691	0.0344			
TR-2	1050.00		75.00	per contract	0.5681	0.4181	0.0344			
TR-3	3000.00		75.00	per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)			(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.73253	+ 0.02500	+ 0.04747	= 0.80500	= 0.96889
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04747	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 7.3253	+ 0.2500	+ 0.47470	+ 8.05000	= 10.1264
General Service (GS-2)	25.00	0	1.9497	+ 7.3253	+ 0.2500	+ 0.47470	+ 8.05000	= 9.9997
General Service (GS-3)	100.00	0	1.6225	+ 7.3253	+ 0.2500	+ 0.47470	+ 8.05000	= 9.6725
Transportation	Customer Charge (\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge \$/Dth	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth		
GS-3 TR	100.00	0.00	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

[Rates at semcoenergy.com](http://www.semcoenergy.com)[Customer Attachment Program](#) surcharges are in addition to rates above[Understanding your bill at semcoenergygas.com](http://www.semcoenergygas.com)Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

April, 2008

WISCONSIN PUBLIC SERVICE CORPORATION

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.85568	= 0.94132
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 8.5568	= 9.4082
<i>Large</i>	72.00	0.6214	+ 8.5568	= 9.1782
Rate Information at wisconsinpublicservice.com				
Rates Reference:	see	Rate Books	for more details	

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.99797	= 1.11797
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 9.9797	= 10.8247
Interruptible	40.00	0.3300	+ 9.9797	= 10.3097
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see		for more details		
Rate Information at xcelenergy.com				

AMERIGAS EAGLE PROPANE L.P.

[See AmeriGas rate book on MPSC gas rate book page](#)
[See AmeriGas](#)

NON MICHIGAN-PSC REGULATED**MINNESOTA ENERGY RESOURCES CORPORATION**

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

[Contact Aurora Gas Co](#)

CITIZENS GAS FUEL COMPANY *

[Contact Citizens Gas Fuel Co](#)

PRESQUE ISLE ELECTRIC & GAS Coop *

[Contact Presque Isle E&G Coop](#)

SUPERIOR ENERGY COMPANY *

[Contact Superior Energy Co](#)

* Rates set by local government regulation, not by MPSC.

CONSUMERS ENERGY COMPANY

March, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.76934	= 0.97404
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.76934	= 0.97404
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.6934	= 9.5638
General Service - Rate GS-2	16.00	1.68240	+ 7.6934	= 9.3758
General Service - Rate GS-3	468.00	0.87310	+ 7.6934	= 8.5665
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

March, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 0.84900	= 1.03576
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 0.84900	= 1.03712
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 0.84900	= 1.03340
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 0.84900	= 1.03576
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
			(volumetric charges in \$/Mcf metered)	
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 8.4900	= 10.5829
Rate GS-2	475.00	1.7191	+ 8.4900	= 10.2091
Rate S	200.00	1.5932	+ 8.4900	= 10.0832
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

March, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.76700	+ 0.04200	= 0.80900	)=	0.96157
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.76700	+ 0.04200	= 0.80900	)=	0.90615
Meter Class II	20.00	0.09715	+(0.76700	+ 0.04200	= 0.80900	)=	0.90615
Meter Class III	60.00	0.09715	+(0.76700	+ 0.04200	= 0.80900	)=	0.90615
Meter Class IV	100.00	0.09715	+(0.76700	+ 0.04200	= 0.80900	)=	0.90615
Gas Light Rate-Residential	0.00	0.15257	+(0.76700	+ 0.04200	= 0.80900	)=	0.96157
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.6700	+ 0.4200	= 8.0900	)=	9.33600
Large General Service	300.00	0.92880	+(7.6700	+ 0.4200	= 8.0900	)=	9.01880
GasLight Rate-Commercial	0.00	1.24600	+(7.6700	+ 0.4200	= 8.0900	)=	9.33600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

March, 2008

SEMCO MPSC Division

	Customer Charge		Distribution Charge						Total Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00		0.15817	+(0.71756	+ 0.02500	+ 0.03944	= 0.78200	)=	0.94017
Customer Choice-Residential alternative suppliers	10.00		0.15817	+ From Others per contract	+ 0.02500	+ 0.03944			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	10.00		1.7488	+(7.17560	+ 0.2500	+ 0.3944	+ 7.8200	)=	9.56880
General Service (GS-2)	35.00		1.2813	+(7.17560	+ 0.2500	+ 0.3944	+ 7.8200	)=	9.10130
General Service (GS-3)	100.00		1.0062	+(7.17560	+ 0.2500	+ 0.3944	+ 7.8200	)=	8.82620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	+ From Others per contract	+ 0.25000	+ 0.39440			
	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge		
Transportation	(\$/month)		(\$/month)		(Nov - Mar)	(Apr - Oct)			
					\$/Dth	\$/Dth	\$/Dth		
TR-1	375.00		75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00		75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00		75.00	per contract	0.5013	0.3513	0.0344		

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)			(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.73332	+ 0.02500	+ 0.04668	= 0.80500	= 0.96889
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04668	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 7.3332	+ 0.2500	+ 0.46680	+ 8.05000	= 10.1264
General Service (GS-2)	25.00	0	1.9497	+ 7.3332	+ 0.2500	+ 0.46680	+ 8.05000	= 9.9997
General Service (GS-3)	100.00	0	1.6225	+ 7.3332	+ 0.2500	+ 0.46680	+ 8.05000	= 9.6725
Transportation	(\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)		
GS-3 TR	100.00	0.00	75.00	1.6225	\$/Dth	\$/Dth		
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

March, 2008

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

[See AmeriGas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.84905	= 0.93469
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 8.4905	= 9.3419
<i>Large</i>	72.00	0.6214	+ 8.4905	= 9.1119
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.88032	= 1.00032
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.8032	= 9.6482
Interruptible	40.00	0.3300	+ 8.8032	= 9.1332
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

March, 2008

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.76934	= 0.97404	\$106.40	1%
Michigan Consolidated Gas Co	8.50	0.18676	+ 0.84900	= 1.03576	\$112.08	6%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.80900	= 0.96157	\$104.16	-2%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.78200	= 0.94017	\$104.02	-2%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.80500	= 0.96889	\$109.13	3%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.84905	= 0.93469	\$98.47	-7%
Xcel Energy	6.50	0.12000	+ 0.88032	= 1.00032	\$106.53	1%
AVERAGE RATE	8.46	0.15310	0.82053	0.97364	\$105.83	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

March, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	Increased	7.6934	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	Increased	8.4900	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	Increased	8.0900	9.0385 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	Same	8.0500	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	Same	7.8200	8.9170 /Mcf	U-15043
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	Increased	8.4905	8.5568 /Dth	U-15350
Xcel Energy	Increased	8.8032	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859	7.6934				/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				8.1651	8.1651	8.1651	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000	8.4900				/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800	8.0900				/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				8.4576	8.4576	8.4576	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500	8.0500				/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				8.0091	8.0091	8.0091	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200	7.8200				/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				8.4651	8.4651	8.4651	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921	8.4905				/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323	8.8032				/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered							/Dth

GAS COST RECOVERY FACTOR HISTORY

March, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15454 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15451 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15450 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15453 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15452 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15350 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15455 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

February, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.76859	= 0.97329
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.76859	= 0.97329
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.6859	= 9.5563
General Service - Rate GS-2	16.00	1.68240	+ 7.6859	= 9.3683
General Service - Rate GS-3	468.00	0.87310	+ 7.6859	= 8.5590
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

February, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 0.70000	= 0.88676
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 0.70000	= 0.88812
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 0.70000	= 0.88440
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 0.70000	= 0.88676
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
			(volumetric charges in \$/Mcf metered)	
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 7.0000	= 9.0929
Rate GS-2	475.00	1.7191	+ 7.0000	= 8.7191
Rate S	200.00	1.5932	+ 7.0000	= 8.5932
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

February, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.70600	+ 0.04200	= 0.74800	)=	0.90057
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.70600	+ 0.04200	= 0.74800	)=	0.84515
<i>Meter Class II</i>	20.00	0.09715	+(0.70600	+ 0.04200	= 0.74800	)=	0.84515
<i>Meter Class III</i>	60.00	0.09715	+(0.70600	+ 0.04200	= 0.74800	)=	0.84515
<i>Meter Class IV</i>	100.00	0.09715	+(0.70600	+ 0.04200	= 0.74800	)=	0.84515
Gas Light Rate-Residential	0.00	0.15257	+(0.70600	+ 0.04200	= 0.74800	)=	0.90057
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.0600	+ 0.4200	= 7.4800	)=	8.72600
Large General Service	300.00	0.92880	+(7.0600	+ 0.4200	= 7.4800	)=	8.40880
GasLight Rate-Commercial	0.00	1.24600	+(7.0600	+ 0.4200	= 7.4800	)=	8.72600
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

February, 2008

SEMCO MPSC Division

Customer Charge		Distribution Charge						Total Charge	
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)							
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.15817	+	0.71756	+	0.02500	+	0.03944 = 0.78200)= 0.94017	
<u>Customer Choice-Residential alternative suppliers</u>		10.00	0.15817	+	From Others per contract	+	0.02500	+	0.03944
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)							
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	10.00	1.7488	+	7.17560	+	0.2500	+	0.3944 + 7.8200)= 9.56880	
General Service (GS-2)	35.00	1.2813	+	7.17560	+	0.2500	+	0.3944 + 7.8200)= 9.10130	
General Service (GS-3)	100.00	1.0062	+	7.17560	+	0.2500	+	0.3944 + 7.8200)= 8.82620	
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>		(see above)	(see above)	+	From Others per contract	+	0.25000	+	0.39440
Transportation (\$/month)		Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth			
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344			
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344			
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344			

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)			(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.73332	+ 0.02500	+ 0.04668	= 0.80500	= 0.96889
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04668	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00	0	2.0764	+ 7.3332	+ 0.2500	+ 0.46680	+ 8.05000	= 10.1264
General Service (GS-2)	25.00	0	1.9497	+ 7.3332	+ 0.2500	+ 0.46680	+ 8.05000	= 9.9997
General Service (GS-3)	100.00	0	1.6225	+ 7.3332	+ 0.2500	+ 0.46680	+ 8.05000	= 9.6725
Transportation	(\$/month)	SEMCO Fixed Charge (\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)		
GS-3 TR	100.00	0.00	75.00	1.6225	\$/Dth	\$/Dth		
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

[Rates at semcoenergy.com](http://rates.semcoenergy.com)[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](http://understandingyourbill.semcoenergygas.com)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

February, 2008

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

[See AmeriGas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.68921	= 0.77485
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 6.8921	= 7.7435
<i>Large</i>	72.00	0.6214	+ 6.8921	= 7.5135

Rates Reference: see [Rate Books](#) for more details[Rate Information at wisconsinpublicservice.com](#)**XCEL ENERGY**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.80323	= 0.92323
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.0323	= 8.8773
Interruptible	40.00	0.3300	+ 8.0323	= 8.3623
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

NON MICHIGAN-PSC REGULATED

February, 2008

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.76859	= 0.97329	\$106.33	7%
Michigan Consolidated Gas Co	8.50	0.18676	+ 0.70000	= 0.88676	\$97.18	-2%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.74800	= 0.90057	\$98.06	-1%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.78200	= 0.94017	\$104.02	5%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.80500	= 0.96889	\$109.13	10%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.68921	= 0.77485	\$82.49	-17%
Xcel Energy	6.50	0.12000	+ 0.80323	= 0.92323	\$98.82	-1%
AVERAGE RATE	8.46	0.15310	0.75658	0.90968	\$99.43	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

February, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Increased</i>	7.6859	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Same</i>	7.0000	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Increased</i>	7.4800	9.0385 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Increased</i>	8.0500	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Increased</i>	7.8200	8.9170 /Mcf	U-15043
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	6.8921	8.5568 /Dth	U-15350
Xcel Energy	<i>Decreased</i>	8.0323	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

February, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08 \$/unit	Feb-08 \$/unit	Mar-08 \$/unit	Apr-08 \$/unit	May-08 \$/unit	Jun-08 \$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714	7.6859					/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				8.1651	8.1651	8.1651	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000	7.0000					/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000	7.4800					/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				8.4576	8.4576	8.4576	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300	8.0500					/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				8.0091	8.0091	8.0091	/Dth
MPSC Division							
- As Currently Billed	7.6300	7.8200					/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				8.4651	8.4651	8.4651	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302	6.8921					/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	8.1653	8.0323					/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered							/Dth

GAS COST RECOVERY FACTOR HISTORY

February, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15454 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15451 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15450 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15453 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15452 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15350 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15455 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.76714	= 0.97184
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.76714	= 0.97184
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.6714	= 9.5418
General Service - Rate GS-2	16.00	1.68240	+ 7.6714	= 9.3538
General Service - Rate GS-3	468.00	0.87310	+ 7.6714	= 8.5445
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+ 0.70000	= 0.88676
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+ 0.70000	= 0.88812
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+ 0.70000	= 0.88440
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+ 0.70000	= 0.88676
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
			(volumetric charges in \$/Mcf metered)	
Sales			From Utility	
Rate GS-1	20.00	2.0929	+ 7.0000	= 9.0929
Rate GS-2	475.00	1.7191	+ 7.0000	= 8.7191
Rate S	200.00	1.5932	+ 7.0000	= 8.5932
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336	per contract	
<i>Maximum (optional)</i>	1300.00	1.4114	per contract	
<i>Minimum (optional)</i>	1300.00	0.2558	per contract	
Rate LT (cost based rate)	3375.00	0.5723	per contract	
<i>Maximum (optional)</i>	3375.00	0.9019	per contract	
<i>Minimum (optional)</i>	3375.00	0.2427	per contract	
Rate XLT (cost based rate)	11300.00	0.4325	per contract	
<i>Maximum (optional)</i>	11300.00	0.6744	per contract	
<i>Minimum (optional)</i>	11300.00	0.1906	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

January, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.65800	+ 0.04200	= 0.70000	)=	0.85257
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Meter Class II	20.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Meter Class III	60.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Meter Class IV	100.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Gas Light Rate-Residential	0.00	0.15257	+(0.65800	+ 0.04200	= 0.70000	)=	0.85257
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(6.5800	+ 0.4200	= 7.0000	)=	8.24600
Large General Service	300.00	0.92880	+(6.5800	+ 0.4200	= 7.0000	)=	7.92880
GasLight Rate-Commercial	0.00	1.24600	+(6.5800	+ 0.4200	= 7.0000	)=	8.24600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.69856	+ 0.02500	+ 0.03944	= 0.76300	)= 0.92117
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.03944		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(6.98560	+ 0.2500	+ 0.3944	+ 7.6300	)= 9.37880
General Service (GS-2)	35.00	1.2813	+(6.98560	+ 0.2500	+ 0.3944	+ 7.6300	)= 8.91130
General Service (GS-3)	100.00	1.0062	+(6.98560	+ 0.2500	+ 0.3944	+ 7.6300	)= 8.63620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.39440		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.72032	+ 0.02500	+ 0.04668	= 0.79200	= 0.95589
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04668	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 7.2032	+ 0.2500	+ 0.46680	+ 7.92000	= 9.9964
General Service (GS-2)	25.00	13.08	1.9497	+ 7.2032	+ 0.2500	+ 0.46680	+ 7.92000	= 9.8697
General Service (GS-3)	100.00	59.01	1.6225	+ 7.2032	+ 0.2500	+ 0.46680	+ 7.92000	= 9.5425
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)		
GS-3 TR	100.00	59.01	75.00	1.6225	\$/Dth	\$/Dth		
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

Understanding your bill at semcoenergygas.com

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

January, 2008

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

[See AmeriGas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.70302	= 0.78866
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 7.0302	= 7.8816
<i>Large</i>	72.00	0.6214	+ 7.0302	= 7.6516

Rates Reference: see [Rate Books](#) for more details[Rate Information at wisconsinpublicservice.com](#)**XCEL ENERGY**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.81653	= 0.93653
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.1653	= 9.0103
Interruptible	40.00	0.3300	+ 8.1653	= 8.4953
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

NON MICHIGAN-PSC REGULATED

January, 2008

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.76714	= 0.97184	\$106.18	8%
Michigan Consolidated Gas Co	8.50	0.18676	+ 0.70000	= 0.88676	\$97.18	-1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.70000	= 0.85257	\$93.26	-5%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.76300	= 0.92117	\$102.12	4%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.79200	= 0.95589	\$107.83	9%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.70302	= 0.78866	\$83.87	-15%
Xcel Energy	6.50	0.12000	+ 0.81653	= 0.93653	\$100.15	2%
AVERAGE RATE	8.46	0.15310	0.74881	0.90192	\$98.65	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

January, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.6714	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Decreased</i>	7.0000	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	9.0385 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	7.6300	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Decreased</i>	7.6300	8.9170 /Mcf	U-15043
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	7.0302	8.5568 /Dth	U-15350
Xcel Energy	<i>Decreased</i>	8.1653	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January, 2008

Calendar Year of GCR Factors

PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714						/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				8.1651	8.1651	8.1651	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000						/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000						/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				8.4576	8.4576	8.4576	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300						/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				8.0091	8.0091	8.0091	/Dth
MPSC Division							
- As Currently Billed	7.6300						/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				8.4651	8.4651	8.4651	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302						/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	8.1653						/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered							/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15454 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15451 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15450 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15453 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15452 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15350 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15455 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

January, 2008

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.76714	= 0.97184
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.76714	= 0.97184
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.6714	= 9.5418
General Service - Rate GS-2	16.00	1.68240	+ 7.6714	= 9.3538
General Service - Rate GS-3	468.00	0.87310	+ 7.6714	= 8.5445
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above

Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January, 2008

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
		*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE	(\$/month)			
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.18676	+	0.70000 = 0.88676
Residential Multi Family Rate 2A Class 1	8.50	0.18812	+	0.70000 = 0.88812
Residential Multi Family Rate 2A Class 2	20.00	0.18440	+	0.70000 = 0.88440
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.18676	+	0.70000 = 0.88676
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			
				(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	2.0929	+	7.0000 = 9.0929
Rate GS-2	475.00	1.7191	+	7.0000 = 8.7191
Rate S	200.00	1.5932	+	7.0000 = 8.5932
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8336		per contract
<i>Maximum (optional)</i>	1300.00	1.4114		per contract
<i>Minimum (optional)</i>	1300.00	0.2558		per contract
Rate LT (cost based rate)	3375.00	0.5723		per contract
<i>Maximum (optional)</i>	3375.00	0.9019		per contract
<i>Minimum (optional)</i>	3375.00	0.2427		per contract
Rate XLT (cost based rate)	11300.00	0.4325		per contract
<i>Maximum (optional)</i>	11300.00	0.6744		per contract
<i>Minimum (optional)</i>	11300.00	0.1906		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2008 as approved in Case No. U-13898 dated 12/18/2007.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

January, 2008

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.65800	+ 0.04200	= 0.70000	)=	0.85257
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
<i>Meter Class II</i>	20.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
<i>Meter Class III</i>	60.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
<i>Meter Class IV</i>	100.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Gas Light Rate-Residential	0.00	0.15257	+(0.65800	+ 0.04200	= 0.70000	)=	0.85257
Customer Choice-Residential alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(6.5800	+ 0.4200	= 7.0000	)=	8.24600
Large General Service	300.00	0.92880	+(6.5800	+ 0.4200	= 7.0000	)=	7.92880
GasLight Rate-Commercial	0.00	1.24600	+(6.5800	+ 0.4200	= 7.0000	)=	8.24600
Customer Choice-Comm. & Ind. alternative suppliers	(see above)	(see above)	From Others	Balancing Surcharge			
			+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				

[Customer Attachment Program](#)

surcharges are in addition to rates above

[Rates at michigangasutilities.com](#)[Understanding your bill at michigangasutilities.com](#)Rates reference: see [Rate Books](#) for more details

SEMCO ENERGY GAS COMPANY

January, 2008

SEMCO MPSC Division

	Customer Charge	Distribution Charge	Total Charge				
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.69856	+ 0.02500	+ 0.03944	= 0.76300	)= 0.92117
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.03944		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(6.98560	+ 0.2500	+ 0.3944	+ 7.6300	)= 9.37880
General Service (GS-2)	35.00	1.2813	+(6.98560	+ 0.2500	+ 0.3944	+ 7.6300	)= 8.91130
General Service (GS-3)	100.00	1.0062	+(6.98560	+ 0.2500	+ 0.3944	+ 7.6300	)= 8.63620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.39440		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge	
TR-1	375.00	75.00	per contract	\$/Dth 0.7191	\$/Dth 0.5691	\$/Dth 0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO Battle Creek Division

	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing Recovery Surcharge	Capacity Demand Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(\$/month)		(volumetric charges in \$/Therm metered)				
Sales				From Utility				
Residential Service	11.00	1.24	0.16389	+ 0.72032	+ 0.02500	+ 0.04668	= 0.76300	= 0.92689
Customer Choice				From Others				
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.02500	+ 0.04668	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales				From Utility				
General Service (GS-1)	18.00	3.54	2.0764	+ 7.2032	+ 0.2500	+ 0.46680	+ 7.63000	= 9.7064
General Service (GS-2)	25.00	13.08	1.9497	+ 7.2032	+ 0.2500	+ 0.46680	+ 7.63000	= 9.5797
General Service (GS-3)	100.00	59.01	1.6225	+ 7.2032	+ 0.2500	+ 0.46680	+ 7.63000	= 9.2525
Transportation	(\$/month)	(\$/month)	Remote Meter Charge (\$/month)	Distribution Surcharge (\$/Dth)	Distribution Charge On-Peak (Nov - Mar) (\$/Dth)	Distribution Charge Off-Peak (Apr - Oct) (\$/Dth)		
GS-3 TR	100.00	59.01	75.00	1.6225				
TR-1	275.00		75.00		1.6251	1.4751		
TR-2	1400.00		75.00		1.3614	1.2114		
TR-3	3900.00		75.00		1.0618	0.9118		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882).

Rates at semcoenergy.com[Customer Attachment Program](#)

surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see

[Rate Books](#)

for more details

OTHER MICHIGAN-PSC REGULATED

January, 2008

AMERIGAS EAGLE PROPANE L.P.

See AmeriGas rate book on MPSC gas rate book page

[See AmeriGas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.70302	= 0.78866
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 7.0302	= 7.8816
<i>Large</i>	72.00	0.6214	+ 7.0302	= 7.6516

Rates Reference: see [Rate Books](#) for more details[Rate Information at wisconsinpublicservice.com](#)**XCEL ENERGY**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.81653	= 0.93653
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.1653	= 9.0103
Interruptible	40.00	0.3300	+ 8.1653	= 8.4953
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

NON MICHIGAN-PSC REGULATED

January, 2008

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January, 2008

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.76714	= 0.97184	\$106.18	8%
Michigan Consolidated Gas Co	8.50	0.18676	+ 0.70000	= 0.88676	\$97.18	-1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.70000	= 0.85257	\$93.26	-5%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company						
MPSC Div (Note 1)*	10.00	0.15817	+ 0.76300	= 0.92117	\$102.12	4%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company						
Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.76300	= 0.92689	\$104.93	7%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.70302	= 0.78866	\$83.87	-15%
Xcel Energy	6.50	0.12000	+ 0.81653	= 0.93653	\$100.15	2%
AVERAGE RATE	8.46	0.15310	0.74467	0.89777	\$98.24	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

January, 2008

	Rate status change since last month	Factor Charged	Maximum Filed or Ordered	Order Reference
		\$/unit	\$/unit	case no
Aurora Gas Company *		(Rates set by local governments, not by the MPSC)		
Citizens Gas Fuel Company *		(Rates set by local governments, not by the MPSC)		
Consumers Energy Co	<i>Decreased</i>	7.6714	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Decreased</i>	7.0000	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	9.0385 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local governments, not by the MPSC)		
SEMCO Energy Gas Co				
SEMCO-Battle Creek Div.	<i>Decreased</i>	7.6300	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Decreased</i>	7.6300	8.9170 /Mcf	U-15043
Superior Energy Company *		(Rates set by local governments, not by the MPSC)		
Wisconsin Public Service Corp	<i>Decreased</i>	7.0302	8.5568 /Dth	U-15350
Xcel Energy	<i>Decreased</i>	8.1653	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Maximum Filed or Ordered: This is the GCR factor that the company requested in their GCR plan case or what the company was ordered as a maximum GCR factor from the Commission. This may change with the year due to the Ceiling Price Adjustment Mechanisms which could increase the GCR factor due to market prices.

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January, 2008

*Calendar Year of GCR Factors*PDF files available: [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aurora Gas Company *							
							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							
							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	7.6714						/Mcf
-U-15041 - As Filed or as Ordered	8.4657	8.4657	8.4657				/Mcf
-U-15454 - As Filed or as Ordered				8.1651	8.1651	8.1651	/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.0000						/Mcf
-U-15042 - As Filed or as Ordered	8.4900	8.4900	8.4900				/Mcf
-U-15451 - As Filed or as Ordered							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	7.0000						/Mcf
-U-15040 - As Filed or as Ordered	9.0385	9.0385	9.0385				/Mcf
-U-15450 - As Filed or as Ordered				8.4576	8.4576	8.4576	/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	7.6300						/Dth
-U-15130 - As Filed or as Ordered	9.0123	9.0123	9.0123				/Dth
-U-15453 - As Filed or as Ordered				8.0091	8.0091	8.0091	/Dth
MPSC Division							
- As Currently Billed	7.6300						/Mcf
-U-15043 - As Filed or as Ordered	8.9170	8.9170	8.9170				/Mcf
-U-15452 - As Filed or as Ordered				8.4651	8.4651	8.4651	/Mcf
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.0302						/Dth
-U-15350 - As Filed or as Ordered	8.5568	8.5568	8.5568	8.5568	8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	8.1653						/Dth
-U-15044 - As Filed or as Ordered	8.1653	8.1653	8.1653				/Dth
-U-15455 - As Filed or as Ordered							/Dth

GAS COST RECOVERY FACTOR HISTORY

January, 2008

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit
Aurora Gas Company *						
Citizens Gas Fuel Company *						
Consumers Energy Company						
- As Currently Billed						/Mcf
-U-15454 - As Filed or as Ordered						/Mcf
Mich Consolidated Gas Company						/Mcf
- As Currently Billed						/Mcf
-U-15451 - As Filed or as Ordered						/Mcf
Michigan Gas Utilities Corp						
- As Currently Billed						/Mcf
-U-15450 - As Filed or as Ordered						/Mcf
Presque Isle E. & G. Coop. *						
						(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company						
Battle Creek Division						
- As Currently Billed						/Dth
-U-15453 - As Filed or as Ordered						/Dth
MPSC Division						
- As Currently Billed						/Mcf
-U-15452 - As Filed or as Ordered						/Mcf
Superior Energy Company *						
						(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp						
- As Currently Billed						/Dth
-U-15350 - As Filed or as Ordered						/Dth
Xcel Energy						
- As Currently Billed						/Dth
-U-15455 - As Filed or as Ordered						/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			January, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	8.50	0.18613	+	0.77255	= 0.95868
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.77255	= 0.95868
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	8.50	0.18613	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	8.50	1.83370	+	7.7255	= 9.5592
General Service - Rate GS-2	17.00	1.56620	+	7.7255	= 9.2917
General Service - Rate GS-3	425.00	0.83570	+	7.7255	= 8.5612
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	500.00	0.7617		per contract	
ST Optional Maximum Rate		1.2934		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,710.00	0.4967		per contract	
LT Optional Maximum Rate		0.7634		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945		per contract	
XLT Optional Maximum Rate		0.6390		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00	includes gas			
2.6 to 4.5 CF/Hr	18.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+	0.75000 = 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+	0.75000 = 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+	0.75000 = 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+	0.75000 = 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	1.9922	+	7.5000 = 9.4922
Rate GS-2	475.00	1.6077	+	7.5000 = 9.1077
Rate S	200.00	1.5199	+	7.5000 = 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163		per contract
<i>Maximum (optional)</i>	1300.00	1.3961		per contract
<i>Minimum (optional)</i>	1300.00	0.2385		per contract
Rate LT (cost based rate)	3375.00	0.5638		per contract
<i>Maximum (optional)</i>	3375.00	0.8934		per contract
<i>Minimum (optional)</i>	3375.00	0.2342		per contract
Rate XLT (cost based rate)	11300.00	0.4254		per contract
<i>Maximum (optional)</i>	11300.00	0.6673		per contract
<i>Minimum (optional)</i>	11300.00	0.1835		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My Account at utilities.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

January, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.83300	+ 0.04200	= 0.87500	)=	1.02757
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
<i>Meter Class II</i>	20.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
<i>Meter Class III</i>	60.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
<i>Meter Class IV</i>	100.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
Gas Light Rate-Residential	0.00	0.15257	+(0.83300	+ 0.04200	= 0.87500	)=	1.02757
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(8.3300	+ 0.4200	= 8.7500	)=	9.99600
Large General Service	300.00	0.92880	+(8.3300	+ 0.4200	= 8.7500	)=	9.67880
GasLight Rate-Commercial	0.00	1.24600	+(8.3300	+ 0.4200	= 8.7500	)=	9.99600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

January, 2007

MPSC DIVISION**UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS****As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers**[- MPSC Order U-14726](#)**SEMCO MPSC Division**

	Customer		Distribution						Total
	Charge		Charge						Vol Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	9.50		0.12230	+(0.73154	+ 0.02500	+ 0.04346	= 0.80000	)=	0.92230
Customer Choice-Residential alternative suppliers	9.50		0.12230	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
				+ per contract	+ 0.02500	+ 0.04346			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	9.50		1.3972	+(7.31540	+ 0.2500	+ 0.4346	+ 8.0000	)=	9.39720
General Service (GS-2)	29.00		1.1051	+(7.31540	+ 0.2500	+ 0.4346	+ 8.0000	)=	9.10510
General Service (GS-3)	75.00		0.8858	+(7.31540	+ 0.2500	+ 0.4346	+ 8.0000	)=	8.88580
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
				+ per contract	+ 0.25000	+ 0.43460			
Transportation	(\$/month)	Customer Charge	Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge		
			(\$/month)		(Nov - Mar)	(Apr - Oct)			
					\$/Dth	\$/Dth	\$/Dth		
TR-1	375.00		75.00	per contract	0.6936	0.5436	0.0344		
TR-2	950.00		75.00	per contract	0.5613	0.4113	0.0344		
TR-3	3000.00		75.00	per contract	0.4870	0.3370	0.0344		

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge	Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales			From Utility					
Residential Service	11.00	0.16389	+ 0.88796	+ 0.07380	+ -0.09176	= 0.87000	= 1.03389	
Customer Choice			From Others					
alternate suppliers	11.00	0.16389	+ per contract	+ 0.07380	+ -0.09176	+		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales			From Utility					
General Service (GS-1)	18.00	1.9289	+ 8.8796	+ 0.7380	+ -0.91760	+ 8.70000	= 10.6289	
General Service (GS-2)	25.00	1.8341	+ 8.8796	+ 0.7380	+ -0.91760	+ 8.70000	= 10.5341	
General Service (GS-3)	100.00	1.5257	+ 8.8796	+ 0.7380	+ -0.91760	+ 8.70000	= 10.2257	
	Customer Charge	Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)	(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00	75.00	1.5257					
TR-1	275.00	75.00		1.5317	1.3817			
TR-2	1400.00	75.00		1.2722	1.1222			
TR-3	3900.00	75.00		0.9926	0.8426			
OTHER	(\$/month)							
Gas Light Service	7.00							
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

January, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.79000	= 0.87564
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 7.9000	= 8.7514
<i>Large</i>	72.00	0.6214	+ 7.9000	= 8.5214
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.86290	= 0.98290
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.6290	= 9.4740
Interruptible	40.00	0.3300	+ 8.6290	= 8.9590
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

January, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.77255	= 0.95868	\$104.37	0%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	-3%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.87500	= 1.02757	\$110.76	6%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	9.50	0.12230	+ 0.80000	= 0.92230	\$101.73	-2%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.87000	= 1.03389	\$114.39	10%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.79000	= 0.87564	\$92.56	-11%
Xcel Energy	6.50	0.12000	+ 0.86290	= 0.98290	\$104.79	1%
AVERAGE RATE	8.14	0.14373	0.81721	0.96094	\$104.24	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

January, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.7255	11.0953	9.4766 /Mcf	U-14716
Michigan Consolidated Gas Co	<i>same</i>	7.5000	12.1500	8.9500 /Mcf	U-14717
Michigan Gas Utilities Corp	<i>Increased</i>	8.7500	12.2958	9.5900 /Mcf	U-14715
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Increased</i>	8.7000	10.2546	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Increased</i>	8.0000	12.0545	9.5000 /Mcf	U-14718
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	7.9000	9.0967	/Dth	U-14956
Xcel Energy	<i>same</i>	8.6290	11.5774	8.6290 /Dth	U-14719

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January, 2007

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255						/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000						/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500						/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000						/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000						/Dth
*Battle Creek Division-City Approved	10.2546						/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.9000						/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956							/Dth
Xcel Energy							
- As Currently Billed	8.6290						/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.9860	8.9860	8.9860	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			January, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	8.50	0.18613	+	0.77255	= 0.95868
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.77255	= 0.95868
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	8.50	0.18613	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	8.50	1.83370	+	7.7255	= 9.5592
General Service - Rate GS-2	17.00	1.56620	+	7.7255	= 9.2917
General Service - Rate GS-3	425.00	0.83570	+	7.7255	= 8.5612
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	500.00	0.7617		per contract	
ST Optional Maximum Rate		1.2934		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,710.00	0.4967		per contract	
LT Optional Maximum Rate		0.7634		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945		per contract	
XLT Optional Maximum Rate		0.6390		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00	includes gas			
2.6 to 4.5 CF/Hr	18.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

January, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+	0.75000 = 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+	0.75000 = 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+	0.75000 = 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+	0.75000 = 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	1.9922	+	7.5000 = 9.4922
Rate GS-2	475.00	1.6077	+	7.5000 = 9.1077
Rate S	200.00	1.5199	+	7.5000 = 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163		per contract
<i>Maximum (optional)</i>	1300.00	1.3961		per contract
<i>Minimum (optional)</i>	1300.00	0.2385		per contract
Rate LT (cost based rate)	3375.00	0.5638		per contract
<i>Maximum (optional)</i>	3375.00	0.8934		per contract
<i>Minimum (optional)</i>	3375.00	0.2342		per contract
Rate XLT (cost based rate)	11300.00	0.4254		per contract
<i>Maximum (optional)</i>	11300.00	0.6673		per contract
<i>Minimum (optional)</i>	11300.00	0.1835		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

January, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.83300	+ 0.04200	= 0.87500	)=	1.02757
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
<i>Meter Class II</i>	20.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
<i>Meter Class III</i>	60.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
<i>Meter Class IV</i>	100.00	0.09715	+(0.83300	+ 0.04200	= 0.87500	)=	0.97215
Gas Light Rate-Residential	0.00	0.15257	+(0.83300	+ 0.04200	= 0.87500	)=	1.02757
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(8.3300	+ 0.4200	= 8.7500	)=	9.99600
Large General Service	300.00	0.92880	+(8.3300	+ 0.4200	= 8.7500	)=	9.67880
GasLight Rate-Commercial	0.00	1.24600	+(8.3300	+ 0.4200	= 8.7500	)=	9.99600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

January, 2007

MPSC DIVISION**UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS****As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers**[- MPSC Order U-14726](#)**SEMCO MPSC Division**

Customer		Distribution						Total			
Charge		Charge						Vol Charge			
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)									
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor				
Residential Service	10.00	0.15817	+(	0.73154	+	0.02500	+	0.04346	= 0.80000	)= 0.95817
Customer Choice-Residential alternative suppliers	10.00	0.15817	+	From Others	Balancing Recovery Surcharge	Capacity Demand Charge					
			+	per contract	+	0.02500	+	0.04346			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)									
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor				
General Service (GS-1)	10.00	1.7488	+(7.31540	+	0.2500	+	0.4346	+	8.0000)= 9.74880
General Service (GS-2)	35.00	1.2813	+(7.31540	+	0.2500	+	0.4346	+	8.0000)= 9.28130
General Service (GS-3)	100.00	1.0062	+(7.31540	+	0.2500	+	0.4346	+	8.0000)= 9.00620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	+	From Others	Balancing Recovery Surcharge	Capacity Demand Charge					
			+	per contract	+	0.25000	+	0.43460			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)		From Others	Distribution Charge On-Peak (Nov - Mar)	Distribution Charge Off-Peak (Apr - Oct)	Firm Balancing Charge				
					\$/Dth	\$/Dth	\$/Dth				
TR-1	375.00	75.00		per contract	0.7191	0.5691	0.0344				
TR-2	1050.00	75.00		per contract	0.5681	0.4181	0.0344				
TR-3	3000.00	75.00		per contract	0.5013	0.3513	0.0344				

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge	Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales			From Utility					
Residential Service	11.00	0.16389	+ 0.88796	+ 0.07380	+ -0.09176	= 0.87000	=	1.03389
Customer Choice			From Others					
alternate suppliers	11.00	0.16389	+ per contract	+ 0.07380	+ -0.09176	+		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales			From Utility					
General Service (GS-1)	18.00	1.9289	+ 8.8796	+ 0.7380	+ -0.91760	+ 8.70000	=	10.6289
General Service (GS-2)	25.00	1.8341	+ 8.8796	+ 0.7380	+ -0.91760	+ 8.70000	=	10.5341
General Service (GS-3)	100.00	1.5257	+ 8.8796	+ 0.7380	+ -0.91760	+ 8.70000	=	10.2257
	Customer Charge	Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)	(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00	75.00	1.5257					
TR-1	275.00	75.00		1.5317	1.3817			
TR-2	1400.00	75.00		1.2722	1.1222			
TR-3	3900.00	75.00		0.9926	0.8426			
OTHER	(\$/month)							
Gas Light Service	7.00							
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

January, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.79000	= 0.87564
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 7.9000	= 8.7514
<i>Large</i>	72.00	0.6214	+ 7.9000	= 8.5214
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.86290	= 0.98290
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.6290	= 9.4740
Interruptible	40.00	0.3300	+ 8.6290	= 8.9590
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

January, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

January, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.77255	= 0.95868	\$104.37	0%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	-4%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.87500	= 1.02757	\$110.76	6%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.80000	= 0.95817	\$105.82	1%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.87000	= 1.03389	\$114.39	9%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.79000	= 0.87564	\$92.56	-12%
Xcel Energy	6.50	0.12000	+ 0.86290	= 0.98290	\$104.79	0%
AVERAGE RATE	8.21	0.14886	0.81721	0.96606	\$104.82	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

January, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.7255	11.0953	9.4766 /Mcf	U-14716
Michigan Consolidated Gas Co	<i>same</i>	7.5000	12.1500	8.9500 /Mcf	U-14717
Michigan Gas Utilities Corp	<i>Increased</i>	8.7500	12.2958	9.5900 /Mcf	U-14715
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Increased</i>	8.7000	10.2546	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Increased</i>	8.0000	12.0545	9.5000 /Mcf	U-14718
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	7.9000	9.0967	/Dth	U-14956
Xcel Energy	<i>same</i>	8.6290	11.5774	8.6290 /Dth	U-14719

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

January, 2007

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255						/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000						/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500						/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000						/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000						/Dth
*Battle Creek Division-City Approved	10.2546						/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.9000						/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956							/Dth
Xcel Energy							
- As Currently Billed	8.6290						/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.9860	8.9860	8.9860	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			February, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	8.50	0.18613	+	0.76277	= 0.94890
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.76277	= 0.94890
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	8.50	0.18613	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	8.50	1.83370	+	7.6277	= 9.4614
General Service - Rate GS-2	17.00	1.56620	+	7.6277	= 9.1939
General Service - Rate GS-3	425.00	0.83570	+	7.6277	= 8.4634
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	500.00	0.7617		per contract	
ST Optional Maximum Rate		1.2934		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,710.00	0.4967		per contract	
LT Optional Maximum Rate		0.7634		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945		per contract	
XLT Optional Maximum Rate		0.6390		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00	includes gas			
2.6 to 4.5 CF/Hr	18.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

February, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.60800	+ 0.04200	= 0.65000	)=	0.80257
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.60800	+ 0.04200	= 0.65000	)=	0.74715
Meter Class II	20.00	0.09715	+(0.60800	+ 0.04200	= 0.65000	)=	0.74715
Meter Class III	60.00	0.09715	+(0.60800	+ 0.04200	= 0.65000	)=	0.74715
Meter Class IV	100.00	0.09715	+(0.60800	+ 0.04200	= 0.65000	)=	0.74715
Gas Light Rate-Residential	0.00	0.15257	+(0.60800	+ 0.04200	= 0.65000	)=	0.80257
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(6.0800	+ 0.4200	= 6.5000	)=	7.74600
Large General Service	300.00	0.92880	+(6.0800	+ 0.4200	= 6.5000	)=	7.42880
GasLight Rate-Commercial	0.00	1.24600	+(6.0800	+ 0.4200	= 6.5000	)=	7.74600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				
Customer Attachment Program	surcharges are in addition to rates above						
Rates reference: see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

February, 2007

MPSC DIVISION**UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS****As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers**[- MPSC Order U-14726](#)**SEMCO MPSC Division**

	Customer Charge	Distribution Charge	Total Vol Charge			
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor
Residential Service	10.00	0.15817	+(0.78934	+ 0.02500	+ 0.04346	= 0.85780)= 1.01597
<u>Customer Choice-Residential</u>			From Others	Balancing Recovery Surcharge	Capacity Demand Charge	
alternative suppliers	10.00	0.15817	+ per contract	+ 0.02500	+ 0.04346	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor
General Service (GS-1)	10.00	1.7488	+(7.89340	+ 0.2500	+ 0.4346	+ 8.5780)= 10.32680
General Service (GS-2)	35.00	1.2813	+(7.89340	+ 0.2500	+ 0.4346	+ 8.5780)= 9.85930
General Service (GS-3)	100.00	1.0062	+(7.89340	+ 0.2500	+ 0.4346	+ 8.5780)= 9.58420
<u>Customer Choice-Comm. & Industrial</u>			From Others	Balancing Recovery Surcharge	Capacity Demand Charge	
alternative suppliers (see above)	(see above)	(see above)	+ per contract	+ 0.25000	+ 0.43460	
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344

SEMCO

BATTLE CREEK														
DIVISION *		Customer Charge		Distribution Charge		Gas Comm Charge		Balancing & Capacity Demand Charge		Over or Under Recovery Charge		GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE		(\$/month) (volumetric charges in \$/Therm metered)												
Sales						From Utility								
Residential Service		11.00		0.16389	+	0.88796	+	0.07380	+	-0.09176	=	0.98900	=	1.15289
Customer Choice						From Others								
alternate suppliers		11.00		0.16389	+	per contract	+	0.07380	+	-0.09176	+			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month) (volumetric charges in \$/Dth metered)												
Sales						From Utility								
General Service (GS-1)		18.00		1.9289	+	8.8796	+	0.7380	+	-0.91760	+	9.89000	=	11.8189
General Service (GS-2)		25.00		1.8341	+	8.8796	+	0.7380	+	-0.91760	+	9.89000	=	11.7241
General Service (GS-3)		100.00		1.5257	+	8.8796	+	0.7380	+	-0.91760	+	9.89000	=	11.4157
		Customer Charge		Remote Meter Charge		Distribution Surcharge		Distribution Charge On-Peak		Distribution Charge Off-Peak				
Transportation		(\$/month)		(\$/month)		\$/Dth		(Nov - Mar) \$/Dth		(Apr - Oct) \$/Dth				
GS-3 TR		100.00		75.00		1.5257								
TR-1		275.00		75.00				1.5317		1.3817				
TR-2		1400.00		75.00				1.2722		1.1222				
TR-3		3900.00		75.00				0.9926		0.8426				
OTHER		(\$/month)												
Gas Light Service		7.00												

* Battle Creek Division rates set by local government regulation, not by MPSC.

[Contact SEMCO Energy](#) for details.

[Rates at semcoenergy.com](#)

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](#)

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

February, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.68000	= 0.76564
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 6.8000	= 7.6514
<i>Large</i>	72.00	0.6214	+ 6.8000	= 7.4214
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.75000	= 0.87000
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 7.5000	= 8.3450
Interruptible	40.00	0.3300	+ 7.5000	= 7.8300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

February, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

February, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.76277	= 0.94890	\$103.39	4%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.67500	= 0.85059	\$93.56	-6%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.65000	= 0.80257	\$88.26	-12%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.85780	= 1.01597	\$111.60	12%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.98900	= 1.15289	\$126.29	27%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.68000	= 0.76564	\$81.56	-18%
Xcel Energy	6.50	0.12000	+ 0.75000	= 0.87000	\$93.50	-6%
AVERAGE RATE	8.21	0.14886	0.76637	0.91522	\$99.74	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY				March, 2007	
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	8.50	0.18613	+	0.76943	= 0.95556
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.76943	= 0.95556
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	8.50	0.18613	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	8.50	1.83370	+	7.6943	= 9.5280
General Service - Rate GS-2	17.00	1.56620	+	7.6943	= 9.2605
General Service - Rate GS-3	425.00	0.83570	+	7.6943	= 8.5300
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	500.00	0.7617		per contract	
ST Optional Maximum Rate		1.2934		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,710.00	0.4967		per contract	
LT Optional Maximum Rate		0.7634		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945		per contract	
XLT Optional Maximum Rate		0.6390		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00	includes gas			
2.6 to 4.5 CF/Hr	18.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

GAS COST RECOVERY FACTOR HISTORY

February, 2007

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277					/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500					/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000					/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780					/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900					/Dth
*Battle Creek Division-City Approved	10.2546	9.8900					/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000					/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956							/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000					/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.9860	8.9860	8.9860	
- MPSC Order U-15044							/Dth

GAS COST RECOVERY FACTORS

February, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.6277	11.0953	9.4766 /Mcf	U-14716
Michigan Consolidated Gas Co	<i>Decreased</i>	6.7500	12.1500	8.9500 /Mcf	U-14717
Michigan Gas Utilities Corp	<i>Decreased</i>	6.5000	12.2958	9.5900 /Mcf	U-14715
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Increased</i>	9.8900	10.2546	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Increased</i>	8.5780	12.0545	9.5000 /Mcf	U-14718
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Decreased</i>	6.8000	9.0967	/Dth	U-14956
Xcel Energy	<i>Decreased</i>	7.5000	11.5774	8.6290 /Dth	U-14719

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956							/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

MICHIGAN CONSOLIDATED GAS COMPANY

March, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.75000	= 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.75000	= 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.75000	= 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.75000	= 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 7.5000	= 9.4922
Rate GS-2	475.00	1.6077	+ 7.5000	= 9.1077
Rate S	200.00	1.5199	+ 7.5000	= 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
<i>Maximum (optional)</i>	1300.00	1.3961	per contract	
<i>Minimum (optional)</i>	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
<i>Maximum (optional)</i>	3375.00	0.8934	per contract	
<i>Minimum (optional)</i>	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
<i>Maximum (optional)</i>	11300.00	0.6673	per contract	
<i>Minimum (optional)</i>	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

March, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.72300	+ 0.04200	= 0.76500	)=	0.91757
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.72300	+ 0.04200	= 0.76500	)=	0.86215
Meter Class II	20.00	0.09715	+(0.72300	+ 0.04200	= 0.76500	)=	0.86215
Meter Class III	60.00	0.09715	+(0.72300	+ 0.04200	= 0.76500	)=	0.86215
Meter Class IV	100.00	0.09715	+(0.72300	+ 0.04200	= 0.76500	)=	0.86215
Gas Light Rate-Residential	0.00	0.15257	+(0.72300	+ 0.04200	= 0.76500	)=	0.91757
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.2300	+ 0.4200	= 7.6500	)=	8.89600
Large General Service	300.00	0.92880	+(7.2300	+ 0.4200	= 7.6500	)=	8.57880
GasLight Rate-Commercial	0.00	1.24600	+(7.2300	+ 0.4200	= 7.6500	)=	8.89600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				
Customer Attachment Program	surcharges are in addition to rates above						
Rates reference: see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

March, 2007

MPSC DIVISION**UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS****As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers**[- MPSC Order U-14726](#)**SEMCO MPSC Division**

	Customer Charge	Distribution Charge						Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.15817	+(0.75654	+ 0.02500	+ 0.04346	= 0.82500	= 0.98317	
Customer Choice-Residential alternative suppliers	10.00	0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04346			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	10.00	1.7488	+(7.56540	+ 0.2500	+ 0.4346	+ 8.2500	= 9.99880	
General Service (GS-2)	35.00	1.2813	+(7.56540	+ 0.2500	+ 0.4346	+ 8.2500	= 9.53130	
General Service (GS-3)	100.00	1.0062	+(7.56540	+ 0.2500	+ 0.4346	+ 8.2500	= 9.25620	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.43460			
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge		
				(Nov - Mar)	(Apr - Oct)			
				\$/Dth	\$/Dth	\$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

OTHER MICHIGAN-PSC REGULATED

March, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.89800	= 0.98364
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 8.9800	= 9.8314
<i>Large</i>	72.00	0.6214	+ 8.9800	= 9.6014
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.75000	= 0.87000
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 7.5000	= 8.3450
Interruptible	40.00	0.3300	+ 7.5000	= 7.8300
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

March, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

March, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.76943	= 0.95556	\$104.06	-1%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	-4%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.76500	= 0.91757	\$99.76	-5%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.82500	= 0.98317	\$108.32	3%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.97000	= 1.13389	\$124.39	19%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.89800	= 0.98364	\$103.36	-1%
Xcel Energy	6.50	0.12000	+ 0.75000	= 0.87000	\$93.50	-11%
AVERAGE RATE	8.21	0.14886	0.81820	0.96706	\$104.92	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

March, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	7.6943	11.0953	9.4766 /Mcf	U-14716
Michigan Consolidated Gas Co	<i>Increased</i>	7.5000	12.1500	8.9500 /Mcf	U-14717
Michigan Gas Utilities Corp	<i>Increased</i>	7.6500	12.2958	9.5900 /Mcf	U-14715
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Decreased</i>	9.7000	10.2546	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Decreased</i>	8.2500	12.0545	9.5000 /Mcf	U-14718
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	8.9800	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>same</i>	7.5000	11.5774	8.6290 /Dth	U-14719

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

March, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943				/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000				/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500				/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500				/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000				/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000				/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800				/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000				/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.9860	8.9860	8.9860	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

April, 2007

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	8.50	0.18613	+ 0.81628	= 1.00241
Rate A-1 Residential Multi-Family	8.50	0.18613	+ 0.81628	= 1.00241
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	8.50	0.18613	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	8.50	1.83370	+ 8.1628	= 9.9965
General Service - Rate GS-2	17.00	1.56620	+ 8.1628	= 9.7290
General Service - Rate GS-3	425.00	0.83570	+ 8.1628	= 8.9985
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	500.00	0.7617	per contract	
ST Optional Maximum Rate		1.2934	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,710.00	0.4967	per contract	
LT Optional Maximum Rate		0.7634	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945	per contract	
XLT Optional Maximum Rate		0.6390	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	15.00	includes gas		
2.6 to 4.5 CF/Hr	18.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

April, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.80000	= 0.97559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.80000	= 0.97603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.80000	= 0.97481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.80000	= 0.97559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 8.0000	= 9.9922
Rate GS-2	475.00	1.6077	+ 8.0000	= 9.6077
Rate S	200.00	1.5199	+ 8.0000	= 9.5199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
<i>Maximum (optional)</i>	1300.00	1.3961	per contract	
<i>Minimum (optional)</i>	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
<i>Maximum (optional)</i>	3375.00	0.8934	per contract	
<i>Minimum (optional)</i>	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
<i>Maximum (optional)</i>	11300.00	0.6673	per contract	
<i>Minimum (optional)</i>	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

April, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.83963	+ 0.04200	= 0.88163	)=	1.03420
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.83963	+ 0.04200	= 0.88163	)=	0.97878
<i>Meter Class II</i>	20.00	0.09715	+(0.83963	+ 0.04200	= 0.88163	)=	0.97878
<i>Meter Class III</i>	60.00	0.09715	+(0.83963	+ 0.04200	= 0.88163	)=	0.97878
<i>Meter Class IV</i>	100.00	0.09715	+(0.83963	+ 0.04200	= 0.88163	)=	0.97878
Gas Light Rate-Residential	0.00	0.15257	+(0.83963	+ 0.04200	= 0.88163	)=	1.03420
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(8.3963	+ 0.4200	= 8.8163	)=	10.06230
Large General Service	300.00	0.92880	+(8.3963	+ 0.4200	= 8.8163	)=	9.74510
GasLight Rate-Commercial	0.00	1.24600	+(8.3963	+ 0.4200	= 8.8163	)=	10.06230
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

April, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution						Total
Charge		Charge						Vol Charge
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.69762	+ 0.02500	+ 0.04238	= 0.76500	=	0.92317
Customer Choice-Residential alternative suppliers	10.00	0.15817	+ From Others per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(6.97620	+ 0.2500	+ 0.4238	+ 7.6500	=	9.39880
General Service (GS-2)	35.00	1.2813	+(6.97620	+ 0.2500	+ 0.4238	+ 7.6500	=	8.93130
General Service (GS-3)	100.00	1.0062	+(6.97620	+ 0.2500	+ 0.4238	+ 7.6500	=	8.65620
Customer Choice-Comm. & Industrial alternative suppliers (see above)	(see above)	(see above)	+ From Others per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge	Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)				
Sales			From Utility					
Residential Service	11.00	0.16389	+	0.81832	+	0.07168	+	0.00000 = 0.89000 = 1.05389
Customer Choice			From Others					
alternate suppliers	11.00	0.16389	+	per contract	+	0.07168	+	0.00000 +
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)				
Sales			From Utility					
General Service (GS-1)	18.00	1.9289	+	8.1832	+	0.7168	+	0.00000 + 8.90000 = 10.8289
General Service (GS-2)	25.00	1.8341	+	8.1832	+	0.7168	+	0.00000 + 8.90000 = 10.7341
General Service (GS-3)	100.00	1.5257	+	8.1832	+	0.7168	+	0.00000 + 8.90000 = 10.4257
	Customer Charge	Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)	(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00	75.00	1.5257					
TR-1	275.00	75.00		1.5317	1.3817			
TR-2	1400.00	75.00		1.2722	1.1222			
TR-3	3900.00	75.00		0.9926	0.8426			
OTHER	(\$/month)							
Gas Light Service	7.00							
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

April, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90500	= 0.99064
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0500	= 9.9014
<i>Large</i>	72.00	0.6214	+ 9.0500	= 9.6714
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.88307	= 1.00307
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.8307	= 9.6757
Interruptible	40.00	0.3300	+ 8.8307	= 9.1607
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

April, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

April, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.81628	= 1.00241	\$108.74	1%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.80000	= 0.97559	\$106.06	-2%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.88163	= 1.03420	\$111.42	3%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.76500	= 0.92317	\$102.32	-5%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.89000	= 1.05389	\$116.39	8%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90500	= 0.99064	\$104.06	-4%
Xcel Energy	6.50	0.12000	+ 0.88307	= 1.00307	\$106.81	-1%
AVERAGE RATE	8.21	0.14886	0.84871	0.99757	\$107.97	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

April, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	8.1628	8.4657	- /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Increased</i>	8.0000	8.4900	- /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Increased</i>	8.8163	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Decreased</i>	8.9000	9.0123	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Decreased</i>	7.6500	8.7788	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	9.0500	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Increased</i>	8.8307	8.8307	- /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

April, 2007

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628			/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000			/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163			/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500			/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000			/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123			/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500			/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307			/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY				May, 2007	
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	8.50	0.18613	+	0.82392	= 1.01005
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.82392	= 1.01005
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	8.50	0.18613	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	8.50	1.83370	+	8.2392	= 10.0729
General Service - Rate GS-2	17.00	1.56620	+	8.2392	= 9.8054
General Service - Rate GS-3	425.00	0.83570	+	8.2392	= 9.0749
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	500.00	0.7617		per contract	
ST Optional Maximum Rate		1.2934		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,710.00	0.4967		per contract	
LT Optional Maximum Rate		0.7634		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945		per contract	
XLT Optional Maximum Rate		0.6390		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00	includes gas			
2.6 to 4.5 CF/Hr	18.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

May, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.84900	= 1.02459
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.84900	= 1.02503
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.84900	= 1.02381
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.84900	= 1.02459
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 8.4900	= 10.4822
Rate GS-2	475.00	1.6077	+ 8.4900	= 10.0977
Rate S	200.00	1.5199	+ 8.4900	= 10.0099
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
<i>Maximum (optional)</i>	1300.00	1.3961	per contract	
<i>Minimum (optional)</i>	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
<i>Maximum (optional)</i>	3375.00	0.8934	per contract	
<i>Minimum (optional)</i>	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
<i>Maximum (optional)</i>	11300.00	0.6673	per contract	
<i>Minimum (optional)</i>	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

May, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.82000	+ 0.04200	= 0.86200	)=	1.01457
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
<i>Meter Class II</i>	20.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
<i>Meter Class III</i>	60.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
<i>Meter Class IV</i>	100.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
Gas Light Rate-Residential	0.00	0.15257	+(0.82000	+ 0.04200	= 0.86200	)=	1.01457
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(8.2000	+ 0.4200	= 8.6200	)=	9.86600
Large General Service	300.00	0.92880	+(8.2000	+ 0.4200	= 8.6200	)=	9.54880
GasLight Rate-Commercial	0.00	1.24600	+(8.2000	+ 0.4200	= 8.6200	)=	9.86600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

May, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution						Total
Charge		Charge						Vol Charge
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.81050	+ 0.02500	+ 0.04238	= 0.87788	)= 1.03605
Customer Choice-Residential alternative suppliers	10.00	0.15817	+ From Others per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.10500	+ 0.2500	+ 0.4238	+ 8.7788	)= 10.52760
General Service (GS-2)	35.00	1.2813	+(8.10500	+ 0.2500	+ 0.4238	+ 8.7788	)= 10.06010
General Service (GS-3)	100.00	1.0062	+(8.10500	+ 0.2500	+ 0.4238	+ 8.7788	)= 9.78500
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	+ From Others per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge		Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00		0.16389	+ 0.82955	+ 0.07168	+ 0.00000	= 9.0123	= 1.06512
Customer Choice				From Others				
alternate suppliers	11.00		0.16389	+ per contract	+ 0.07168	+ 0.00000	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00		1.9289	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.9412
General Service (GS-2)	25.00		1.8341	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.8464
General Service (GS-3)	100.00		1.5257	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.5380
	Customer Charge		Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak		
Transportation	(\$/month)		(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		
GS-3 TR	100.00		75.00	1.5257				
TR-1	275.00		75.00		1.5317	1.3817		
TR-2	1400.00		75.00		1.2722	1.1222		
TR-3	3900.00		75.00		0.9926	0.8426		
OTHER	(\$/month)							
Gas Light Service	7.00							
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

May, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.85200	= 0.93764
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 8.5200	= 9.3714
<i>Large</i>	72.00	0.6214	+ 8.5200	= 9.1414
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.88307	= 1.00307
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.8307	= 9.6757
Interruptible	40.00	0.3300	+ 8.8307	= 9.1607
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

May, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

May, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.82392	= 1.01005	\$109.51	0%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.84900	= 1.02459	\$110.96	1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.86200	= 1.01457	\$109.46	0%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.87788	= 1.03605	\$113.61	4%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.90123	= 1.06512	\$117.51	7%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.85200	= 0.93764	\$98.76	-10%
Xcel Energy	6.50	0.12000	+ 0.88307	= 1.00307	\$106.81	-2%
AVERAGE RATE	8.21	0.14886	0.86416	1.01301	\$109.52	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

May, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich		-	
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	8.2392	8.4657	- /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Increased</i>	8.4900	8.4900	- /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Decreased</i>	8.6200	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Increased</i>	9.0123	9.0123	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Same</i>	8.7788	8.7788	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	8.5200	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Same</i>	8.8307	8.8307	- /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

May, 2007

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392		/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900		/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200		/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788		/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123		/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123		/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200		/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307		/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

June, 2007

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	8.50	0.18613	+ 0.82884	= 1.01497
Rate A-1 Residential Multi-Family	8.50	0.18613	+ 0.82884	= 1.01497
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	8.50	0.18613	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	8.50	1.83370	+ 8.2884	= 10.1221
General Service - Rate GS-2	17.00	1.56620	+ 8.2884	= 9.8546
General Service - Rate GS-3	425.00	0.83570	+ 8.2884	= 9.1241
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	500.00	0.7617	per contract	
ST Optional Maximum Rate		1.2934	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,710.00	0.4967	per contract	
LT Optional Maximum Rate		0.7634	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945	per contract	
XLT Optional Maximum Rate		0.6390	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	15.00	includes gas		
2.6 to 4.5 CF/Hr	18.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

June, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.82000	+ 0.04200	= 0.86200	)=	1.01457
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
<i>Meter Class II</i>	20.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
<i>Meter Class III</i>	60.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
<i>Meter Class IV</i>	100.00	0.09715	+(0.82000	+ 0.04200	= 0.86200	)=	0.95915
Gas Light Rate-Residential	0.00	0.15257	+(0.82000	+ 0.04200	= 0.86200	)=	1.01457
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(8.2000	+ 0.4200	= 8.6200	)=	9.86600
Large General Service	300.00	0.92880	+(8.2000	+ 0.4200	= 8.6200	)=	9.54880
GasLight Rate-Commercial	0.00	1.24600	+(8.2000	+ 0.4200	= 8.6200	)=	9.86600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

June, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

	Customer	Distribution						Total
	Charge	Charge						Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00	0.15817	+(0.81050	+ 0.02500	+ 0.04238	= 0.87788	= 1.03605	
Customer Choice-Residential alternative suppliers	10.00	0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	10.00	1.7488	+(8.10500	+ 0.2500	+ 0.4238	+ 8.7788	= 10.52760	
General Service (GS-2)	35.00	1.2813	+(8.10500	+ 0.2500	+ 0.4238	+ 8.7788	= 10.06010	
General Service (GS-3)	100.00	1.0062	+(8.10500	+ 0.2500	+ 0.4238	+ 8.7788	= 9.78500	
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
			+ per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge		Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00		0.16389	+ 0.82955	+ 0.07168	+ 0.00000	= 9.0123	= 1.06512
Customer Choice				From Others				
alternate suppliers	11.00		0.16389	+ per contract	+ 0.07168	+ 0.00000	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00		1.9289	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.9412
General Service (GS-2)	25.00		1.8341	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.8464
General Service (GS-3)	100.00		1.5257	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.5380
	Customer Charge		Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak		
Transportation	(\$/month)		(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		
GS-3 TR	100.00		75.00	1.5257				
TR-1	275.00		75.00		1.5317	1.3817		
TR-2	1400.00		75.00		1.2722	1.1222		
TR-3	3900.00		75.00		0.9926	0.8426		
OTHER	(\$/month)							
Gas Light Service	7.00							

* Battle Creek Division rates set by local government regulation, not by MPSC.

[Contact SEMCO Energy](#) for details.

Rates at semcoenergy.com

[Customer Attachment Program](#) surcharges are in addition to rates above

[Understanding your bill at semcoenergygas.com](http://semcoenergygas.com)

Rates Reference: see [Rate Books](#) for more details

OTHER MICHIGAN-PSC REGULATED

June, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90500	= 0.99064
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0500	= 9.9014
<i>Large</i>	72.00	0.6214	+ 9.0500	= 9.6714
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.88307	= 1.00307
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.8307	= 9.6757
Interruptible	40.00	0.3300	+ 8.8307	= 9.1607
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

June, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

June, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.82884	= 1.01497	\$110.00	0%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.84900	= 1.02459	\$110.96	1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.86200	= 1.01457	\$109.46	-1%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.87788	= 1.03605	\$113.61	3%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.90123	= 1.06512	\$117.51	6%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90500	= 0.99064	\$104.06	-6%
Xcel Energy	6.50	0.12000	+ 0.88307	= 1.00307	\$106.81	-3%
AVERAGE RATE	8.21	0.14886	0.87243	1.02129	\$110.34	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

June, 2007

	Rate status change since last month	Factor Charged	Company Filed Plan	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	8.2884	8.4657	- /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Same</i>	8.4900	8.4900	- /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Same</i>	8.6200	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>Battle Creek Division *</i>	<i>Same</i>	9.0123	9.0123	/Dth	
SEMCO-MPSC & (UP-WEST)	<i>Same</i>	8.7788	8.7788	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	9.0500	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Same</i>	8.8307	8.8307	- /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

June, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.6200	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG	No sales in Mich						
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Company							
- As Currently Billed							/Mcf
-MPSC Case U-15041-As Filed	8.4657	8.4657	8.4657	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed							/Mcf
-MPSC Case U-15042-As Filed	8.4900	8.4900	8.4900	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed							/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)						
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed							/Mcf
-MPSC Case U-15043-As Filed	8.7788	8.7788	8.7788	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed							/Dth
*Battle Creek Division-City Approved							/Dth
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)						
Wisc Public Service Corp							
- As Currently Billed							/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed							/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044							/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY				July, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge		
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)				
Sales			From Utility			
Rate A	8.50	0.18613	+	0.83303	=	1.01916
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.83303	=	1.01916
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)						
Customer Choice			From Others			
alternative suppliers	8.50	0.18613	+	per contract		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)				
Sales			From Utility			
General Service - Rate GS-1	8.50	1.83370	+	8.3303	=	10.1640
General Service - Rate GS-2	17.00	1.56620	+	8.3303	=	9.8965
General Service - Rate GS-3	425.00	0.83570	+	8.3303	=	9.1660
Customer Choice			From Others			
alternative suppliers	(see above)	(see above)	per contract			
Transportation			From Others			
Rate ST Cost Based Rate	500.00	0.7617	per contract			
ST Optional Maximum Rate		1.2934	per contract			
ST Optional Minimum Rate		0.2300	per contract			
Rate LT Cost Based Rate	2,710.00	0.4967	per contract			
LT Optional Maximum Rate		0.7634	per contract			
LT Optional Minimum Rate		0.2300	per contract			
Rate XLT Cost Based Rate	6,900.00	0.3945	per contract			
XLT Optional Maximum Rate		0.6390	per contract			
XLT Optional Minimum Rate		0.1500	per contract			
XLT Remote Meter Charge	70.00		per contract			
OTHER	(\$/month)					
Outdoor Gas Light - Rate GL						
up to 2.5 CF/Hr	15.00	includes gas				
2.6 to 4.5 CF/Hr	18.00	includes gas				

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

July, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.84900	= 1.02459
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.84900	= 1.02503
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.84900	= 1.02381
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.84900	= 1.02459
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 8.4900	= 10.4822
Rate GS-2	475.00	1.6077	+ 8.4900	= 10.0977
Rate S	200.00	1.5199	+ 8.4900	= 10.0099
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
<i>Maximum (optional)</i>	1300.00	1.3941	per contract	
<i>Minimum (optional)</i>	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
<i>Maximum (optional)</i>	3375.00	0.8934	per contract	
<i>Minimum (optional)</i>	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
<i>Maximum (optional)</i>	11300.00	0.6673	per contract	
<i>Minimum (optional)</i>	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

July, 2007

		Customer Charge	Distribution Charge				Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Ccf metered)			
Sales				Gas Costs From Utility	Balancing Costs	GCR Factor	
Residential Service	8.00	0.15257	+(	0.82000	+ 0.04200	= 0.86200	)= 1.01457
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(	0.82000	+ 0.04200	= 0.86200	)= 0.95915
<i>Meter Class II</i>	20.00	0.09715	+(	0.82000	+ 0.04200	= 0.86200	)= 0.95915
<i>Meter Class III</i>	60.00	0.09715	+(	0.82000	+ 0.04200	= 0.86200	)= 0.95915
<i>Meter Class IV</i>	100.00	0.09715	+(	0.82000	+ 0.04200	= 0.86200	)= 0.95915
Gas Light Rate-Residential	0.00	0.15257	+(	0.82000	+ 0.04200	= 0.86200	)= 1.01457
<u>Customer Choice-Residential</u>				From Others	Balancing Surcharge		
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract	+ 0.04200		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Mcf metered)			
Sales				Gas Costs From Utility	Balancing Costs	GCR Factor	
Small General Service	20.00	1.24600	+(	8.2000	+ 0.4200	= 8.6200	)= 9.86600
Large General Service	300.00	0.92880	+(	8.2000	+ 0.4200	= 8.6200	)= 9.54880
GasLight Rate-Commercial	0.00	1.24600	+(	8.2000	+ 0.4200	= 8.6200	)= 9.86600
<u>Customer Choice-Comm. & Ind.</u>				From Others	Balancing Surcharge		
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract	+ 0.42000		
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>		surcharges are in addition to rates above					
Rates reference: see		<u>Rate Books</u> for more details					

SEMCO ENERGY GAS COMPANY

July, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution						Total
Charge		Charge						Vol Charge
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.83211	+ 0.02500	+ 0.04238	= 0.89949	)= 1.05766
Customer Choice-Residential alternative suppliers	10.00	0.15817	+ From Others per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.74370
General Service (GS-2)	35.00	1.2813	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.27620
General Service (GS-3)	100.00	1.0062	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.00110
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	+ From Others per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK													
DIVISION *		Customer Charge		Distribution Charge		Gas Comm Charge		Balancing & Capacity Demand Charge		Over or Under Recovery Charge		GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)						(volumetric charges in \$/Therm metered)					
Sales						From Utility							
Residential Service		11.00		0.16389	+	0.82955	+	0.07168	+	0.00000	=	0.90123	= 1.06512
Customer Choice						From Others							
alternate suppliers		11.00		0.16389	+	per contract	+	0.07168	+	0.00000	+		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)						(volumetric charges in \$/Dth metered)					
Sales						From Utility							
General Service (GS-1)		18.00		1.9289	+	8.2955	+	0.7168	+	0.00000	+	9.01230	= 10.9412
General Service (GS-2)		25.00		1.8341	+	8.2955	+	0.7168	+	0.00000	+	9.01230	= 10.8464
General Service (GS-3)		100.00		1.5257	+	8.2955	+	0.7168	+	0.00000	+	9.01230	= 10.5380
		Customer Charge		Remote Meter Charge		Distribution Surcharge		Distribution Charge On-Peak		Distribution Charge Off-Peak			
Transportation		(\$/month)		(\$/month)		\$/Dth		(Nov - Mar) \$/Dth		(Apr - Oct) \$/Dth			
GS-3 TR		100.00		75.00		1.5257							
TR-1		275.00		75.00				1.5317		1.3817			
TR-2		1400.00		75.00				1.2722		1.1222			
TR-3		3900.00		75.00				0.9926		0.8426			
OTHER		(\$/month)											
Gas Light Service		7.00											
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com													
Rates Reference: see Rate Books for more details													

OTHER MICHIGAN-PSC REGULATED

July, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90967	= 0.99531
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0967	= 9.9481
<i>Large</i>	72.00	0.6214	+ 9.0967	= 9.7181
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.90969	= 1.02969
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 9.0969	= 9.9419
Interruptible	40.00	0.3300	+ 9.0969	= 9.4269
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

July, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

July, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.83303	= 1.01916	\$110.42	-1%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.84900	= 1.02459	\$110.96	0%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.86200	= 1.01457	\$109.46	-2%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.89949	= 1.05766	\$115.77	4%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.90123	= 1.06512	\$117.51	6%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90967	= 0.99531	\$104.53	-6%
Xcel Energy	6.50	0.12000	+ 0.90969	= 1.02969	\$109.47	-2%
AVERAGE RATE	8.21	0.14886	0.88059	1.02944	\$111.16	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

July, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	8.3303	8.6708	- /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Same</i>	8.4900	8.8300	- /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Same</i>	8.6200	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
SEMCO-Battle Creek Div.	<i>Same</i>	9.0123	9.0123	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Increased</i>	8.9949	8.9949	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Increased</i>	9.0967	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Increased</i>	9.0969	9.0969	9.0969 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

July, 2007

Calendar Year of GCR Factors

PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.6200	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	
	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	\$/unit	
Aquila Networks - PNG	No sales in Mich						
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)						
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)						
Consumers Energy Company							
- As Currently Billed	8.3303						/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.6708	8.6708	8.6708	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900						/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.8300	8.8300	8.8300	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.6200						/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)						
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123						/Dth
-MPSC Case U-15043-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949						/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.9949	8.9949	8.9949	/Mcf
- MPSC Order U-15043							/Mcf
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)						
Wisc Public Service Corp							
- As Currently Billed	9.0967						/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed	9.0969						/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	9.0969	9.0969	9.0969	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			August, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	8.50	0.18613	+	0.78957	= 0.97570
Rate A-1 Residential Multi-Family	8.50	0.18613	+	0.78957	= 0.97570
Excess Peak Demand Charge \$0.0421/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	8.50	0.18613	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	8.50	1.83370	+	7.8957	= 9.7294
General Service - Rate GS-2	17.00	1.56620	+	7.8957	= 9.4619
General Service - Rate GS-3	425.00	0.83570	+	7.8957	= 8.7314
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	500.00	0.7617		per contract	
ST Optional Maximum Rate		1.2934		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,710.00	0.4967		per contract	
LT Optional Maximum Rate		0.7634		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3945		per contract	
XLT Optional Maximum Rate		0.6390		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	15.00	includes gas			
2.6 to 4.5 CF/Hr	18.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August, 2007

August, 2007				
	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.80000	= 0.97559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.80000	= 0.97603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.80000	= 0.97481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.80000	= 0.97559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE				
	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 8.0000	= 9.9922
Rate GS-2	475.00	1.6077	+ 8.0000	= 9.6077
Rate S	200.00	1.5199	+ 8.0000	= 9.5199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
Maximum (optional)	1300.00	1.3941	per contract	
Minimum (optional)	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
Maximum (optional)	3375.00	0.8934	per contract	
Minimum (optional)	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
Maximum (optional)	11300.00	0.6673	per contract	
Minimum (optional)	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

August, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.73300	+ 0.04200	= 0.77500	)=	0.92757
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Meter Class II	20.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Meter Class III	60.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Meter Class IV	100.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Gas Light Rate-Residential	0.00	0.15257	+(0.73300	+ 0.04200	= 0.77500	)=	0.92757
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.3300	+ 0.4200	= 7.7500	)=	8.99600
Large General Service	300.00	0.92880	+(7.3300	+ 0.4200	= 7.7500	)=	8.67880
GasLight Rate-Commercial	0.00	1.24600	+(7.3300	+ 0.4200	= 7.7500	)=	8.99600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				
Customer Attachment Program	surcharges are in addition to rates above						
Rates reference: see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

August, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution						Total
Charge		Charge						Vol Charge
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.83211	+ 0.02500	+ 0.04238	= 0.89949	)= 1.05766
Customer Choice-Residential alternative suppliers	10.00	0.15817	+ From Others per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.74370
General Service (GS-2)	35.00	1.2813	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.27620
General Service (GS-3)	100.00	1.0062	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.00110
Customer Choice-Comm. & Industrial alternative suppliers (see above)	(see above)	(see above)	+ From Others per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK													
DIVISION *	Customer Charge		Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor		Total Vol Charge				
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Therm metered)									
Sales				From Utility									
Residential Service	11.00		0.16389	+	0.82955	+	0.07168	+	0.00000	=	0.90123	=	1.06512
Customer Choice				From Others									
alternate suppliers	11.00		0.16389	+	per contract	+	0.07168	+	0.00000	+			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)									
Sales				From Utility									
General Service (GS-1)	18.00		1.9289	+	8.2955	+	0.7168	+	0.00000	+	9.01230	=	10.9412
General Service (GS-2)	25.00		1.8341	+	8.2955	+	0.7168	+	0.00000	+	9.01230	=	10.8464
General Service (GS-3)	100.00		1.5257	+	8.2955	+	0.7168	+	0.00000	+	9.01230	=	10.5380
	Customer Charge		Remote Meter Charge		Distribution Surcharge		Distribution Charge On-Peak		Distribution Charge Off-Peak				
Transportation	(\$/month)		(\$/month)		\$/Dth		(Nov - Mar) \$/Dth		(Apr - Oct) \$/Dth				
GS-3 TR	100.00		75.00		1.5257								
TR-1	275.00		75.00				1.5317		1.3817				
TR-2	1400.00		75.00				1.2722		1.1222				
TR-3	3900.00		75.00				0.9926		0.8426				
OTHER	(\$/month)												
Gas Light Service	7.00												
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com													
Rates Reference: see Rate Books for more details													

OTHER MICHIGAN-PSC REGULATED

August, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90967	= 0.99531
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0967	= 9.9481
<i>Large</i>	72.00	0.6214	+ 9.0967	= 9.7181
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.90969	= 1.02969
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 9.0969	= 9.9419
Interruptible	40.00	0.3300	+ 9.0969	= 9.4269
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

August, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	8.50	0.18613	+ 0.78957	= 0.97570	\$106.07	-2%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.80000	= 0.97559	\$106.06	-2%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.77500	= 0.92757	\$100.76	-7%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.89949	= 1.05766	\$115.77	7%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.90123	= 1.06512	\$117.51	8%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90967	= 0.99531	\$104.53	-4%
Xcel Energy	6.50	0.12000	+ 0.90969	= 1.02969	\$109.47	1%
AVERAGE RATE	8.21	0.14886	0.85495	1.00381	\$108.59	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

August, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.8957	8.6708	- /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Decreased</i>	8.0000	8.8300	- /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Decreased</i>	7.7500	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
SEMCO-Battle Creek Div.	<i>Decrease</i>	8.9949	9.0123	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Same</i>	8.9949	8.9949	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Same</i>	9.0967	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Same</i>	9.0969	9.0969	9.0969 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.6200	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951					/Mcf
<u>-MPSC Case U-15041-As Filed</u>	8.6708	8.6708	8.6708	8.6708	8.6708	8.6708	/Mcf
<u>-MPSC Order U-15041</u>							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	7.7500					/Mcf
<u>-MPSC Case U-15042-As Filed</u>	8.8300	8.8300	8.8300	8.8300	8.8300	8.8300	/Mcf
<u>-MPSC Order U-15042</u>							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.6200	8.0000					/Mcf
<u>- MPSC Case U-15040 As Filed</u>	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
<u>- MPSC Order U-15040</u>							/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949					/Dth
<u>-MPSC Case U-15043-As Filed</u>	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
<u>-MPSC Order U-15130</u>	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949					/Mcf
<u>-MPSC Case U-15043-As Filed</u>	8.9949	8.9949	8.9949	8.9949	8.9949	8.9949	/Mcf
<u>- MPSC Order U-15043</u>							/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967					/Dth
<u>-MPSC Case U-14956-As Filed</u>	9.0967	9.0967	9.0967	9.0967			/Dth
<u>-MPSC Order U-14956</u>	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0967					/Dth
<u>-MPSC Case U-15044-As Filed</u>	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
<u>- MPSC Order U-15044</u>	9.0969	9.0969	9.0969	9.0969	9.0969	9.0969	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY

August, 2007

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.78957	= 0.99427
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.78957	= 0.99427
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.8957	= 9.7661
General Service - Rate GS-2	16.00	1.68240	+ 7.8957	= 9.5781
General Service - Rate GS-3	468.00	0.87310	+ 7.8957	= 8.7688
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

August, 2007

August, 2007				
	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.80000	= 0.97559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.80000	= 0.97603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.80000	= 0.97481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.80000	= 0.97559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE				
	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 8.0000	= 9.9922
Rate GS-2	475.00	1.6077	+ 8.0000	= 9.6077
Rate S	200.00	1.5199	+ 8.0000	= 9.5199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
Maximum (optional)	1300.00	1.3941	per contract	
Minimum (optional)	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
Maximum (optional)	3375.00	0.8934	per contract	
Minimum (optional)	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
Maximum (optional)	11300.00	0.6673	per contract	
Minimum (optional)	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

August, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.73300	+ 0.04200	= 0.77500	)=	0.92757
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Meter Class II	20.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Meter Class III	60.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Meter Class IV	100.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Gas Light Rate-Residential	0.00	0.15257	+(0.73300	+ 0.04200	= 0.77500	)=	0.92757
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.3300	+ 0.4200	= 7.7500	)=	8.99600
Large General Service	300.00	0.92880	+(7.3300	+ 0.4200	= 7.7500	)=	8.67880
GasLight Rate-Commercial	0.00	1.24600	+(7.3300	+ 0.4200	= 7.7500	)=	8.99600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				
Customer Attachment Program	surcharges are in addition to rates above						
Rates reference: see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

August, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution						Total
Charge		Charge						Vol Charge
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)						
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.83211	+ 0.02500	+ 0.04238	= 0.89949	)= 1.05766
Customer Choice-Residential alternative suppliers	10.00	0.15817	+ From Others per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)						
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.74370
General Service (GS-2)	35.00	1.2813	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.27620
General Service (GS-3)	100.00	1.0062	+(8.32110	+ 0.2500	+ 0.4238	+ 8.9949	)= 10.00110
Customer Choice-Comm. & Industrial alternative suppliers (see above)	(see above)	(see above)	+ From Others per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth		
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge		Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00		0.16389	+ 0.82955	+ 0.07168	+ 0.00000	= 9.0123	= 1.06512
Customer Choice				From Others				
alternate suppliers	11.00		0.16389	+ per contract	+ 0.07168	+ 0.00000	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00		1.9289	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.9412
General Service (GS-2)	25.00		1.8341	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.8464
General Service (GS-3)	100.00		1.5257	+ 8.2955	+ 0.7168	+ 0.00000	+ 9.01230	= 10.5380
	Customer Charge		Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak		
Transportation	(\$/month)		(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		
GS-3 TR	100.00		75.00	1.5257				
TR-1	275.00		75.00		1.5317	1.3817		
TR-2	1400.00		75.00		1.2722	1.1222		
TR-3	3900.00		75.00		0.9926	0.8426		
OTHER	(\$/month)							
Gas Light Service	7.00							
* Battle Creek Division rates set by local government regulation, not by MPSC. Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

August, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90967	= 0.99531
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0967	= 9.9481
<i>Large</i>	72.00	0.6214	+ 9.0967	= 9.7181
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.90969	= 1.02969
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 9.0969	= 9.9419
Interruptible	40.00	0.3300	+ 9.0969	= 9.4269
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

August, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

August, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.78957	= 0.99427	\$108.43	0%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.80000	= 0.97559	\$106.06	-3%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.77500	= 0.92757	\$100.76	-8%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.89949	= 1.05766	\$115.77	6%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.90123	= 1.06512	\$117.51	8%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90967	= 0.99531	\$104.53	-4%
Xcel Energy	6.50	0.12000	+ 0.90969	= 1.02969	\$109.47	0%
AVERAGE RATE	8.29	0.15151	0.85495	1.00646	\$108.93	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO Energy** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes Gas Commodity Cost charge, Balancing Recovery Cost charge, Capacity Demand Costs charge, and a Sales Surcharge. See **SEMCO Energy** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

August, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.8957	8.6708	- /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Decreased</i>	8.0000	8.8300	- /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Decreased</i>	7.7500	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>SEMCO-Battle Creek Div.</i>	<i>Decrease</i>	8.9949	9.0123	9.0123 /Dth	U-15130
<i>SEMCO-MPSC Div.</i>	<i>Same</i>	8.9949	8.9949	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Same</i>	9.0967	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Same</i>	9.0969	9.0969	9.0969 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

August, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.6200	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951					/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.6708	8.6708	8.6708	/Mcf
-MPSC Order U-15041							/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	7.7500					/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.8300	8.8300	8.8300	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.6200	8.0000					/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949					/Dth
-MPSC Case U-15043-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949					/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.9949	8.9949	8.9949	/Mcf
- MPSC Order U-15043							/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967					/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0967					/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	9.0969	9.0969	9.0969	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY		September, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.78238	= 0.98708
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.78238	= 0.98708
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.8238	= 9.6942
General Service - Rate GS-2	16.00	1.68240	+ 7.8238	= 9.5062
General Service - Rate GS-3	468.00	0.87310	+ 7.8238	= 8.6969
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

September, 2007

SEPTEMBER, 2007				
	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.80000	= 0.97559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.80000	= 0.97603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.80000	= 0.97481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.80000	= 0.97559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE				
	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 8.0000	= 9.9922
Rate GS-2	475.00	1.6077	+ 8.0000	= 9.6077
Rate S	200.00	1.5199	+ 8.0000	= 9.5199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
Maximum (optional)	1300.00	1.3941	per contract	
Minimum (optional)	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
Maximum (optional)	3375.00	0.8934	per contract	
Minimum (optional)	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
Maximum (optional)	11300.00	0.6673	per contract	
Minimum (optional)	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

[Customer Attachment Program](#) surcharges are in addition to rates above

[Rates at utilities.dteenergy.com \(PDF version\)](#)

[My Account at utilities.dteenergy.com for understanding your bill](#)

Rates Reference: see [Rate Books](#) for more details

MICHIGAN GAS UTILITIES CORP.

September, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.73300	+ 0.04200	= 0.77500	)=	0.92757
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
<i>Meter Class II</i>	20.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
<i>Meter Class III</i>	60.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
<i>Meter Class IV</i>	100.00	0.09715	+(0.73300	+ 0.04200	= 0.77500	)=	0.87215
Gas Light Rate-Residential	0.00	0.15257	+(0.73300	+ 0.04200	= 0.77500	)=	0.92757
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(7.3300	+ 0.4200	= 7.7500	)=	8.99600
Large General Service	300.00	0.92880	+(7.3300	+ 0.4200	= 7.7500	)=	8.67880
GasLight Rate-Commercial	0.00	1.24600	+(7.3300	+ 0.4200	= 7.7500	)=	8.99600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

September, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution		Total			
Charge	Charge	Vol Charge					
RESIDENTIAL SERVICE (\$/month)		(volumetric charges in \$/Ccf metered)					
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.80762	+ 0.02500	+ 0.04238	= 0.87500	= 1.03317
Customer Choice-Residential alternative suppliers	10.00	0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
			+ per contract	+ 0.02500	+ 0.04238		
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)		(volumetric charges in \$/Mcf metered)					
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(8.07620	+ 0.2500	+ 0.4238	+ 8.7500	= 10.49880
General Service (GS-2)	35.00	1.2813	+(8.07620	+ 0.2500	+ 0.4238	+ 8.7500	= 10.03130
General Service (GS-3)	100.00	1.0062	+(8.07620	+ 0.2500	+ 0.4238	+ 8.7500	= 9.75620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
			+ per contract	+ 0.25000	+ 0.42380		
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO

BATTLE CREEK								
DIVISION *	Customer Charge		Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)			
Sales				From Utility				
Residential Service	11.00		0.16389	+ 0.80332	+ 0.07168	+ 0.00000	= 0.87500	= 1.03889
Customer Choice				From Others				
alternate suppliers	11.00		0.16389	+ per contract	+ 0.07168	+ 0.00000	+	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)			
Sales				From Utility				
General Service (GS-1)	18.00		1.9289	+ 8.0332	+ 0.7168	+ 0.00000	+ 8.75000	= 10.6789
General Service (GS-2)	25.00		1.8341	+ 8.0332	+ 0.7168	+ 0.00000	+ 8.75000	= 10.5841
General Service (GS-3)	100.00		1.5257	+ 8.0332	+ 0.7168	+ 0.00000	+ 8.75000	= 10.2757
	Customer Charge		Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak		
Transportation	(\$/month)		(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth		
GS-3 TR	100.00		75.00	1.5257				
TR-1	275.00		75.00		1.5317	1.3817		
TR-2	1400.00		75.00		1.2722	1.1222		
TR-3	3900.00		75.00		0.9926	0.8426		
OTHER	(\$/month)							
Gas Light Service	7.00							
<p>* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882). Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com</p>								
Rates Reference: see Rate Books for more details								

OTHER MICHIGAN-PSC REGULATED

September, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90967	= 0.99531
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0967	= 9.9481
<i>Large</i>	72.00	0.6214	+ 9.0967	= 9.7181
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.90969	= 1.02969
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 9.0969	= 9.9419
Interruptible	40.00	0.3300	+ 9.0969	= 9.4269
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

September, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

September, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.78238	= 0.98708	\$107.71	0%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.80000	= 0.97559	\$106.06	-2%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.77500	= 0.92757	\$100.76	-7%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.87500	= 1.03317	\$113.32	5%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.87500	= 1.03889	\$114.89	6%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90967	= 0.99531	\$104.53	-3%
Xcel Energy	6.50	0.12000	+ 0.90969	= 1.02969	\$109.47	1%
AVERAGE RATE	8.29	0.15151	0.84668	0.99819	\$108.10	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

September, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.8238	8.6708	8.6708 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Same</i>	8.0000	8.8300	8.8300 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Same</i>	7.7500	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>SEMCO-Battle Creek Div.</i>	<i>Decrease</i>	8.7500	9.0123	9.0123 /Dth	U-15130
<i>SEMCO-MPSC Div.</i>	<i>Decrease</i>	8.7500	8.9949	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Same</i>	9.0967	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Same</i>	9.0969	9.0969	9.0969 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

September, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.23002	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951	7.8238				/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.6708	8.6708	8.6708	/Mcf
-MPSC Order U-15041		8.6708	8.6708	8.6708	8.6708	8.6708	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	8.0000	8.0000				/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.8300	8.8300	8.8300	/Mcf
-MPSC Order U-15042			8.8300	8.8300	8.8300	8.8300	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.23002	7.7500	7.7500				/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949	8.7500				/Dth
-MPSC Case U-15130-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949	8.7500				/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.9949	8.9949	8.9949	/Mcf
- MPSC Order U-15043							/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967	9.0967				/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-15350-As Filed					8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0969	9.0969				/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	9.0969	9.0969	9.0969	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			October, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	9.00	0.20470	+	0.77322	= 0.97792
Rate A-1 Residential Multi-Family	9.00	0.20470	+	0.77322	= 0.97792
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	9.00	0.20470	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	10.00	1.87040	+	7.7322	= 9.6026
General Service - Rate GS-2	16.00	1.68240	+	7.7322	= 9.4146
General Service - Rate GS-3	468.00	0.87310	+	7.7322	= 8.6053
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	480.00	0.7743		per contract	
ST Optional Maximum Rate		1.3186		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,780.00	0.4981		per contract	
LT Optional Maximum Rate		0.7662		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975		per contract	
XLT Optional Maximum Rate		0.6450		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00	includes gas			
2.6 to 4.5 CF/Hr	19.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+	0.75000 = 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+	0.75000 = 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+	0.75000 = 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+	0.75000 = 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+	7.5000 = 9.4922
Rate GS-2	475.00	1.6077	+	7.5000 = 9.1077
Rate S	200.00	1.5199	+	7.5000 = 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163		per contract
<i>Maximum (optional)</i>	1300.00	1.3941		per contract
<i>Minimum (optional)</i>	1300.00	0.2385		per contract
Rate LT (cost based rate)	3375.00	0.5638		per contract
<i>Maximum (optional)</i>	3375.00	0.8934		per contract
<i>Minimum (optional)</i>	3375.00	0.2342		per contract
Rate XLT (cost based rate)	11300.00	0.4254		per contract
<i>Maximum (optional)</i>	11300.00	0.6673		per contract
<i>Minimum (optional)</i>	11300.00	0.1835		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

October, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.63000	+ 0.04200	= 0.67200	)=	0.82457
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
<i>Meter Class II</i>	20.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
<i>Meter Class III</i>	60.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
<i>Meter Class IV</i>	100.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
Gas Light Rate-Residential	0.00	0.15257	+(0.63000	+ 0.04200	= 0.67200	)=	0.82457
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(6.3000	+ 0.4200	= 6.7200	)=	7.96600
Large General Service	300.00	0.92880	+(6.3000	+ 0.4200	= 6.7200	)=	7.64880
GasLight Rate-Commercial	0.00	1.24600	+(6.3000	+ 0.4200	= 6.7200	)=	7.96600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

October, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

	Customer		Distribution						Total
	Charge		Charge						Vol Charge
RESIDENTIAL SERVICE	(\$/month)			(volumetric charges in \$/Ccf metered)					
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor		
Residential Service	10.00		0.15817	+(0.71762	+ 0.02500	+ 0.04238	= 0.78500	)=	0.94317
Customer Choice-Residential alternative suppliers	10.00		0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
				per contract	+ 0.02500	+ 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)					
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor		
General Service (GS-1)	10.00		1.7488	+(7.17620	+ 0.2500	+ 0.4238	+ 7.8500	)=	9.59880
General Service (GS-2)	35.00		1.2813	+(7.17620	+ 0.2500	+ 0.4238	+ 7.8500	)=	9.13130
General Service (GS-3)	100.00		1.0062	+(7.17620	+ 0.2500	+ 0.4238	+ 7.8500	)=	8.85620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)		(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge			
				per contract	+ 0.25000	+ 0.42380			
Transportation	Customer Charge		Remote Meter Charge	From Others	Distribution Charge On-Peak	Distribution Charge Off-Peak	Firm Balancing Charge		
	(\$/month)		(\$/month)		(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth	\$/Dth		
TR-1	375.00		75.00	per contract	0.7191	0.5691	0.0344		
TR-2	1050.00		75.00	per contract	0.5681	0.4181	0.0344		
TR-3	3000.00		75.00	per contract	0.5013	0.3513	0.0344		

SEMCO

BATTLE CREEK									
DIVISION *	Customer Charge		Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor		Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)				(volumetric charges in \$/Therm metered)				
Sales				From Utility					
Residential Service	11.00		0.16389	+	0.71332	+	0.07168	+	0.00000 = 0.78500 = 0.94889
Customer Choice				From Others					
alternate suppliers	11.00		0.16389	+	per contract	+	0.07168	+	0.00000 +
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)				(volumetric charges in \$/Dth metered)				
Sales				From Utility					
General Service (GS-1)	18.00		1.9289	+	7.1332	+	0.7168	+	0.00000 + 7.85000 = 9.7789
General Service (GS-2)	25.00		1.8341	+	7.1332	+	0.7168	+	0.00000 + 7.85000 = 9.6841
General Service (GS-3)	100.00		1.5257	+	7.1332	+	0.7168	+	0.00000 + 7.85000 = 9.3757
	Customer Charge		Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)		(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00		75.00	1.5257					
TR-1	275.00		75.00		1.5317	1.3817			
TR-2	1400.00		75.00		1.2722	1.1222			
TR-3	3900.00		75.00		0.9926	0.8426			
OTHER	(\$/month)								
Gas Light Service	7.00								
* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882). Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

October, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90967	= 0.99531
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0967	= 9.9481
<i>Large</i>	72.00	0.6214	+ 9.0967	= 9.7181
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.81653	= 0.93653
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.1653	= 9.0103
Interruptible	40.00	0.3300	+ 8.1653	= 8.4953
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

October, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.77322	= 0.97792	\$106.79	5%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	-1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.67200	= 0.82457	\$90.46	-11%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.78500	= 0.94317	\$104.32	2%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	11.00	0.16389	+ 0.78500	= 0.94889	\$105.89	4%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90967	= 0.99531	\$104.53	3%
Xcel Energy	6.50	0.12000	+ 0.81653	= 0.93653	\$100.15	-2%
AVERAGE RATE	8.29	0.15151	0.78449	0.93600	\$101.89	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

October, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.7322	8.4657	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Decreased</i>	7.5000	8.4900	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Decreased</i>	6.7200	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>SEMCO-Battle Creek Div.</i>	<i>Decreased</i>	7.8500	9.0123	9.0123 /Dth	U-15130
<i>SEMCO-MPSC Div.</i>	<i>Decreased</i>	7.8500	8.7788	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Same</i>	9.0967	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Decreased</i>	8.1653	8.1653	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.23002	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951	7.8238	7.7322			/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041		8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	8.0000	8.0000	7.5000			/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042			8.8300	8.4900	8.4900	8.4900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.23002	7.7500	7.7500	6.7200			/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949	8.7500	7.8500			/Dth
-MPSC Case U-15130-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949	8.7500	7.8500			/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-15350-As Filed					8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0969	9.0969	8.1653			/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	8.1653	8.1653	8.1653	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY				October, 2007	
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	9.00	0.20470	+	0.77322	= 0.97792
Rate A-1 Residential Multi-Family	9.00	0.20470	+	0.77322	= 0.97792
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	9.00	0.20470	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	10.00	1.87040	+	7.7322	= 9.6026
General Service - Rate GS-2	16.00	1.68240	+	7.7322	= 9.4146
General Service - Rate GS-3	468.00	0.87310	+	7.7322	= 8.6053
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	480.00	0.7743		per contract	
ST Optional Maximum Rate		1.3186		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,780.00	0.4981		per contract	
LT Optional Maximum Rate		0.7662		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975		per contract	
XLT Optional Maximum Rate		0.6450		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00	includes gas			
2.6 to 4.5 CF/Hr	19.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

October, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+	0.75000 = 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+	0.75000 = 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+	0.75000 = 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+	0.75000 = 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Mcf metered)
Sales			From Utility	
Rate GS-1	20.00	1.9922	+	7.5000 = 9.4922
Rate GS-2	475.00	1.6077	+	7.5000 = 9.1077
Rate S	200.00	1.5199	+	7.5000 = 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163		per contract
<i>Maximum (optional)</i>	1300.00	1.3941		per contract
<i>Minimum (optional)</i>	1300.00	0.2385		per contract
Rate LT (cost based rate)	3375.00	0.5638		per contract
<i>Maximum (optional)</i>	3375.00	0.8934		per contract
<i>Minimum (optional)</i>	3375.00	0.2342		per contract
Rate XLT (cost based rate)	11300.00	0.4254		per contract
<i>Maximum (optional)</i>	11300.00	0.6673		per contract
<i>Minimum (optional)</i>	11300.00	0.1835		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

October, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.63000	+ 0.04200	= 0.67200	)=	0.82457
Residential Multi-Family							
<i>Meter Class I</i>	8.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
<i>Meter Class II</i>	20.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
<i>Meter Class III</i>	60.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
<i>Meter Class IV</i>	100.00	0.09715	+(0.63000	+ 0.04200	= 0.67200	)=	0.76915
Gas Light Rate-Residential	0.00	0.15257	+(0.63000	+ 0.04200	= 0.67200	)=	0.82457
Customer Choice-Residential			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(6.3000	+ 0.4200	= 6.7200	)=	7.96600
Large General Service	300.00	0.92880	+(6.3000	+ 0.4200	= 6.7200	)=	7.64880
GasLight Rate-Commercial	0.00	1.24600	+(6.3000	+ 0.4200	= 6.7200	)=	7.96600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	300	1,600	2,300				
<i>Automatic Meter Reading</i>	120	120	120				
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263				
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
<i>Customer Charge</i>	150	400	575				
<i>Automatic Meter Reading</i>	120	120	120				
<u>Customer Attachment Program</u>	surcharges are in addition to rates above						
Rates reference: see	<u>Rate Books</u>	for more details					

SEMCO ENERGY GAS COMPANY

October, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.71762	+ 0.02500	+ 0.04238	= 0.78500	)= 0.94317
<u>Customer Choice-Residential alternative suppliers</u>	10.00	0.15817	+ From Others per contract	+ Balancing Recovery Surcharge 0.02500	+ Capacity Demand Charge 0.04238		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(7.17620	+ 0.2500	+ 0.4238	+ 7.8500	)= 9.59880
General Service (GS-2)	35.00	1.2813	+(7.17620	+ 0.2500	+ 0.4238	+ 7.8500	)= 9.13130
General Service (GS-3)	100.00	1.0062	+(7.17620	+ 0.2500	+ 0.4238	+ 7.8500	)= 8.85620
<u>Customer Choice-Comm. & Industrial alternative suppliers</u>	(see above)	(see above)	+ From Others per contract	+ Balancing Recovery Surcharge 0.25000	+ Capacity Demand Charge 0.42380		
Transportation	(\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO

BATTLE CREEK									
DIVISION *	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				From Utility					
Residential Service	11.00	1.24	0.16389	+ 0.71332	+ 0.07168	+ 0.00000	= 0.78500	=	0.94889
Customer Choice				From Others					
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.07168	+ 0.00000	+		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)			(volumetric charges in \$/Dth metered)					
Sales				From Utility					
General Service (GS-1)	18.00	3.54	2.0764	+ 7.1332	+ 0.7168	+ 0.00000	+ 7.85000	=	9.9264
General Service (GS-2)	25.00	13.08	1.9497	+ 7.1332	+ 0.7168	+ 0.00000	+ 7.85000	=	9.7997
General Service (GS-3)	100.00	59.01	1.6225	+ 7.1332	+ 0.7168	+ 0.00000	+ 7.85000	=	9.4725
	Customer Charge		Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)		(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00	59.01	75.00	1.6225					
TR-1	275.00		75.00		1.5317	1.3817			
TR-2	1400.00		75.00		1.2722	1.1222			
TR-3	3900.00		75.00		0.9926	0.8426			
OTHER	(\$/month)								
Gas Light Service	7.00								
* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882). Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

October, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.90967	= 0.99531
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 9.0967	= 9.9481
<i>Large</i>	72.00	0.6214	+ 9.0967	= 9.7181
Rates Reference: see Rate Books for more details				
Rate Information at wisconsinpublicservice.com				

XCEL ENERGY

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.81653	= 0.93653
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.1653	= 9.0103
Interruptible	40.00	0.3300	+ 8.1653	= 8.4953
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300
Rates Reference: see Rate Books for more details				
Rate Information at xcelenergy.com				

NON MICHIGAN-PSC REGULATED

October, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

October, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.77322	= 0.97792	\$106.79	5%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	-1%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.67200	= 0.82457	\$90.46	-11%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.78500	= 0.94317	\$104.32	2%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.78500	= 0.94889	\$107.13	5%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.90967	= 0.99531	\$104.53	2%
Xcel Energy	6.50	0.12000	+ 0.81653	= 0.93653	\$100.15	-2%
AVERAGE RATE	8.46	0.15151	0.78449	0.93600	\$102.06	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge . See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

October, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Decreased</i>	7.7322	8.4657	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Decreased</i>	7.5000	8.4900	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Decreased</i>	6.7200	9.0385	- /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
<i>SEMCO-Battle Creek Div.</i>	<i>Decreased</i>	7.8500	9.0123	9.0123 /Dth	U-15130
<i>SEMCO-MPSC Div.</i>	<i>Decreased</i>	7.8500	8.7788	- /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Same</i>	9.0967	9.0967	9.0967 /Dth	U-14956
Xcel Energy	<i>Decreased</i>	8.1653	8.1653	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

October, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.23002	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951	7.8238	7.7322			/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041		8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	8.0000	8.0000	7.5000			/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042			8.8300	8.4900	8.4900	8.4900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.23002	7.7500	7.7500	6.7200			/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949	8.7500	7.8500			/Dth
-MPSC Case U-15130-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949	8.7500	7.8500			/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043							/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-15350-As Filed					8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0969	9.0969	8.1653			/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	8.1653	8.1653	8.1653	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY		November, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)		
Sales			From Utility	
Rate A	9.00	0.20470	+ 0.77777	= 0.98247
Rate A-1 Residential Multi-Family	9.00	0.20470	+ 0.77777	= 0.98247
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)				
Customer Choice			From Others	
<u>alternative suppliers</u>	9.00	0.20470	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
General Service - Rate GS-1	10.00	1.87040	+ 7.7777	= 9.6481
General Service - Rate GS-2	16.00	1.68240	+ 7.7777	= 9.4601
General Service - Rate GS-3	468.00	0.87310	+ 7.7777	= 8.6508
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST Cost Based Rate	480.00	0.7743	per contract	
ST Optional Maximum Rate		1.3186	per contract	
ST Optional Minimum Rate		0.2300	per contract	
Rate LT Cost Based Rate	2,780.00	0.4981	per contract	
LT Optional Maximum Rate		0.7662	per contract	
LT Optional Minimum Rate		0.2300	per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975	per contract	
XLT Optional Maximum Rate		0.6450	per contract	
XLT Optional Minimum Rate		0.1500	per contract	
XLT Remote Meter Charge	70.00		per contract	
OTHER	(\$/month)			
Outdoor Gas Light - Rate GL				
up to 2.5 CF/Hr	16.00	includes gas		
2.6 to 4.5 CF/Hr	19.00	includes gas		

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

November, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+ 0.75000	= 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+ 0.75000	= 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+ 0.75000	= 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+ 0.75000	= 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+ per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+ 7.5000	= 9.4922
Rate GS-2	475.00	1.6077	+ 7.5000	= 9.1077
Rate S	200.00	1.5199	+ 7.5000	= 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	per contract	
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163	per contract	
<i>Maximum (optional)</i>	1300.00	1.3941	per contract	
<i>Minimum (optional)</i>	1300.00	0.2385	per contract	
Rate LT (cost based rate)	3375.00	0.5638	per contract	
<i>Maximum (optional)</i>	3375.00	0.8934	per contract	
<i>Minimum (optional)</i>	3375.00	0.2342	per contract	
Rate XLT (cost based rate)	11300.00	0.4254	per contract	
<i>Maximum (optional)</i>	11300.00	0.6673	per contract	
<i>Minimum (optional)</i>	11300.00	0.1835	per contract	
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

November, 2007

		Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE		(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales				Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(	0.65800	+	0.04200	= 0.70000)= 0.85257
Residential Multi-Family								
<i>Meter Class I</i>	8.00	0.09715	+(	0.65800	+	0.04200	= 0.70000)= 0.79715
<i>Meter Class II</i>	20.00	0.09715	+(	0.65800	+	0.04200	= 0.70000)= 0.79715
<i>Meter Class III</i>	60.00	0.09715	+(	0.65800	+	0.04200	= 0.70000)= 0.79715
<i>Meter Class IV</i>	100.00	0.09715	+(	0.65800	+	0.04200	= 0.70000)= 0.79715
Gas Light Rate-Residential	0.00	0.15257	+(	0.65800	+	0.04200	= 0.70000)= 0.85257
<u>Customer Choice-Residential</u>				From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract	+	0.04200		
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales				Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(	6.5800	+	0.4200	= 7.0000)= 8.24600
Large General Service	300.00	0.92880	+(	6.5800	+	0.4200	= 7.0000)= 7.92880
GasLight Rate-Commercial	0.00	1.24600	+(	6.5800	+	0.4200	= 7.0000)= 8.24600
<u>Customer Choice-Comm. & Ind.</u>				From Others	Balancing Surcharge			
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract	+	0.42000		
Transportation		TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo					
<i>Customer Charge</i>	300	1,600	2,300					
<i>Automatic Meter Reading</i>	120	120	120					
<i>Administrative Charge</i>	<u>450</u>	<u>450</u>	<u>450</u>					
Total Fixed Charges per Month	870	2,170	2,870					
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf					
<i>On-Peak (Nov - Mar)</i>	0.7499	0.4516	0.4263					
<i>Off-Peak (Apr - Oct)</i>	0.5999	0.3016	0.2763					
Additional Meters	\$/Mo	\$/Mo	\$/Mo					
<i>Customer Charge</i>	150	400	575					
<i>Automatic Meter Reading</i>	120	120	120					
<u>Customer Attachment Program</u>		surcharges are in addition to rates above						
Rates reference: see		<u>Rate Books</u> for more details						

SEMCO ENERGY GAS COMPANY

November, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution						Total				
Charge		Charge						Vol Charge				
RESIDENTIAL SERVICE		(\$/month)										
		(volumetric charges in \$/Ccf metered)										
Sales				Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor					
Residential Service	10.00	0.15817	+(	0.71762	+	0.02500	+	0.04238	=	0.78500	)=	0.94317
Customer Choice-Residential alternative suppliers		10.00	0.15817	+	From Others per contract	+	Balancing Recovery Surcharge 0.02500	+	Capacity Demand Charge 0.04238			
COMMERCIAL & INDUSTRIAL SERVICE		(\$/month)										
		(volumetric charges in \$/Mcf metered)										
Sales				Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor					
General Service (GS-1)	10.00	1.7488	+(	7.17620	+	0.2500	+	0.4238	+	7.8500	)=	9.59880
General Service (GS-2)	35.00	1.2813	+(	7.17620	+	0.2500	+	0.4238	+	7.8500	)=	9.13130
General Service (GS-3)	100.00	1.0062	+(	7.17620	+	0.2500	+	0.4238	+	7.8500	)=	8.85620
Customer Choice-Comm. & Industrial alternative suppliers		(see above)	(see above)	+	From Others per contract	+	Balancing Recovery Surcharge 0.25000	+	Capacity Demand Charge 0.42380			
Transportation		Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth					
TR-1	375.00	75.00	per contract		0.7191	0.5691	0.0344					
TR-2	1050.00	75.00	per contract		0.5681	0.4181	0.0344					
TR-3	3000.00	75.00	per contract		0.5013	0.3513	0.0344					

SEMCO

BATTLE CREEK									
DIVISION *	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				From Utility					
Residential Service	11.00	1.24	0.16389	+ 0.71332	+ 0.07168	+ 0.00000	= 0.78500	=	0.94889
Customer Choice				From Others					
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.07168	+ 0.00000	+		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)								(volumetric charges in \$/Dth metered)
Sales				From Utility					
General Service (GS-1)	18.00	3.54	2.0764	+ 7.1332	+ 0.7168	+ 0.00000	+ 7.85000	=	9.9264
General Service (GS-2)	25.00	13.08	1.9497	+ 7.1332	+ 0.7168	+ 0.00000	+ 7.85000	=	9.7997
General Service (GS-3)	100.00	59.01	1.6225	+ 7.1332	+ 0.7168	+ 0.00000	+ 7.85000	=	9.4725
	Customer Charge	SEMCO Fixed Charge	Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00	59.01	75.00	1.6225					
TR-1	275.00		75.00		1.6251	1.4751			
TR-2	1400.00		75.00		1.3614	1.2114			
TR-3	3900.00		75.00		1.0618	0.9118			
OTHER	(\$/month)								
Gas Light Service	7.00								
* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882). Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

November, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.83283	= 0.91847
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 8.3283	= 9.1797
<i>Large</i>	72.00	0.6214	+ 8.3283	= 8.9497

Rates Reference: see [Rate Books](#) for more details[Rate Information at wisconsinpublicservice.com](#)**XCEL ENERGY**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.81653	= 0.93653
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.1653	= 9.0103
Interruptible	40.00	0.3300	+ 8.1653	= 8.4953
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

NON MICHIGAN-PSC REGULATED

November, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

November, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.77777	= 0.98247	\$107.25	6%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	0%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.70000	= 0.85257	\$93.26	-8%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.78500	= 0.94317	\$104.32	3%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.78500	= 0.94889	\$107.13	6%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.83283	= 0.91847	\$96.85	-5%
Xcel Energy	6.50	0.12000	+ 0.81653	= 0.93653	\$100.15	-1%
AVERAGE RATE	8.46	0.15151	0.77816	0.92967	\$101.43	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge.
See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

November, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	7.7777	8.4657	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Same</i>	7.5000	8.4900	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Increased</i>	7.0000	9.0385	9.0385 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
SEMCO-Battle Creek Div.	<i>Same</i>	7.8500	9.0123	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Same</i>	7.8500	8.9170	8.9170 /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Decreased</i>	8.3283	8.5568	8.5568 /Dth	U-15350
Xcel Energy	<i>Same</i>	8.1653	8.1653	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

November, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.23002	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951	7.8238	7.7322	7.7777		/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041		8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	8.0000	8.0000	7.5000	7.5000		/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042			8.8300	8.4900	8.4900	8.4900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.23002	7.7500	7.7500	6.7200	7.0000		/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040					9.0385	9.0385	/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949	8.7500	7.8500	7.8500		/Dth
-MPSC Case U-15130-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949	8.7500	7.8500	7.8500		/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043					8.9170	8.9170	/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967	9.0967	9.0967	8.3283		/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-15350-As Filed					8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0969	9.0969	8.1653	8.1653		/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	8.1653	8.1653	8.1653	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

CONSUMERS ENERGY COMPANY			December, 2007		
	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Ccf metered)			
Sales			From Utility		
Rate A	9.00	0.20470	+	0.77792	= 0.98262
Rate A-1 Residential Multi-Family	9.00	0.20470	+	0.77792	= 0.98262
Excess Peak Demand Charge \$0.0463/Mcf (Note 1)					
Customer Choice			From Others		
alternative suppliers	9.00	0.20470	+	per contract	
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)			
Sales			From Utility		
General Service - Rate GS-1	10.00	1.87040	+	7.7792	= 9.6496
General Service - Rate GS-2	16.00	1.68240	+	7.7792	= 9.4616
General Service - Rate GS-3	468.00	0.87310	+	7.7792	= 8.6523
Customer Choice			From Others		
alternative suppliers	(see above)	(see above)		per contract	
Transportation			From Others		
Rate ST Cost Based Rate	480.00	0.7743		per contract	
ST Optional Maximum Rate		1.3186		per contract	
ST Optional Minimum Rate		0.2300		per contract	
Rate LT Cost Based Rate	2,780.00	0.4981		per contract	
LT Optional Maximum Rate		0.7662		per contract	
LT Optional Minimum Rate		0.2300		per contract	
Rate XLT Cost Based Rate	6,900.00	0.3975		per contract	
XLT Optional Maximum Rate		0.6450		per contract	
XLT Optional Minimum Rate		0.1500		per contract	
XLT Remote Meter Charge	70.00			per contract	
OTHER	(\$/month)				
Outdoor Gas Light - Rate GL					
up to 2.5 CF/Hr	16.00	includes gas			
2.6 to 4.5 CF/Hr	19.00	includes gas			

Note 1: The Mcf used for billing the excess demand shall equal all usage in excess 45 Mcf in the peak month. The peak month shall be that month in the last 12 months in which the greatest consumption occurred.

Customer Attachment Program surcharges are in addition to rates above
Understanding your bill at Consumersenergy.com

Rates Reference: see Rate Books for more details

MICHIGAN CONSOLIDATED GAS COMPANY

December, 2007

	Customer Charge	Distribution Charge*	GCR Factor	Total Vol Charge
	(\$/month)	*Including UETM Surcharge (Note 1) (volumetric charges in \$/Ccf metered)		
RESIDENTIAL SERVICE				
Sales			From Utility	
Residential Service - Rate A (old 2)	8.50	0.17559	+	0.75000 = 0.92559
Residential Multi Family Rate 2A Class 1	8.50	0.17603	+	0.75000 = 0.92603
Residential Multi Family Rate 2A Class 2	20.00	0.17481	+	0.75000 = 0.92481
Residential- Rate AS- (old Senior Citizen & Rate 3A) (Note 2)	8.50	0.17559	+	0.75000 = 0.92559
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)	+	per contract
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Mcf metered)		
Sales			From Utility	
Rate GS-1	20.00	1.9922	+	7.5000 = 9.4922
Rate GS-2	475.00	1.6077	+	7.5000 = 9.1077
Rate S	200.00	1.5199	+	7.5000 = 9.0199
Customer Choice			From Others	
<u>alternative suppliers</u>	(see above)	(see above)		per contract
Transportation			From Others	
Rate ST (cost based rate)	1300.00	0.8163		per contract
<i>Maximum (optional)</i>	1300.00	1.3941		per contract
<i>Minimum (optional)</i>	1300.00	0.2385		per contract
Rate LT (cost based rate)	3375.00	0.5638		per contract
<i>Maximum (optional)</i>	3375.00	0.8934		per contract
<i>Minimum (optional)</i>	3375.00	0.2342		per contract
Rate XLT (cost based rate)	11300.00	0.4254		per contract
<i>Maximum (optional)</i>	11300.00	0.6673		per contract
<i>Minimum (optional)</i>	11300.00	0.1835		per contract
Rate XLT-Remote Meter Charge	100.00			
Unauthorized Gas Usage Charge		10.0000		
Load Balancing Storage Charge		0.2500		

Note 1: Distribution charges include the Uncollectible Expense Tracking Mechanism Surcharge (UETM) for gas service rendered on and after 1/1/2007 as approved in Case No. U-13898 dated 12/21/2006.

Note 2: Low Income Senior Citizen Rate receives a \$12 credit per month on bills during the December through March billings.

Customer Attachment Program surcharges are in addition to rates above

Rates at utilities.dteenergy.com (PDF version)

My Account at utilities.dteenergy.com for understanding your bill

Rates Reference: see Rate Books for more details

MICHIGAN GAS UTILITIES CORP.

December, 2007

	Customer Charge	Distribution Charge					Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)		(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Residential Service	8.00	0.15257	+(0.65800	+ 0.04200	= 0.70000	)=	0.85257
Residential Multi-Family							
Meter Class I	8.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Meter Class II	20.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Meter Class III	60.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Meter Class IV	100.00	0.09715	+(0.65800	+ 0.04200	= 0.70000	)=	0.79715
Gas Light Rate-Residential	0.00	0.15257	+(0.65800	+ 0.04200	= 0.70000	)=	0.85257
Customer Choice-Residential			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.04200			
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)		(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Costs	GCR Factor		
Small General Service	20.00	1.24600	+(6.5800	+ 0.4200	= 7.0000	)=	8.24600
Large General Service	300.00	0.92880	+(6.5800	+ 0.4200	= 7.0000	)=	7.92880
GasLight Rate-Commercial	0.00	1.24600	+(6.5800	+ 0.4200	= 7.0000	)=	8.24600
Customer Choice-Comm. & Ind.			From Others	Balancing Surcharge			
alternative suppliers	(see above)	(see above)	+ per contract	+ 0.42000			
Transportation	TR-1	TR-2	TR-3				
Fixed Charges	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	300	1,600	2,300				
Automatic Meter Reading	120	120	120				
Administrative Charge	450	450	450				
Total Fixed Charges per Month	870	2,170	2,870				
Usage Charges	\$/Mcf	\$/Mcf	\$/Mcf				
On-Peak (Nov - Mar)	0.7499	0.4516	0.4263				
Off-Peak (Apr - Oct)	0.5999	0.3016	0.2763				
Additional Meters	\$/Mo	\$/Mo	\$/Mo				
Customer Charge	150	400	575				
Automatic Meter Reading	120	120	120				
Customer Attachment Program	surcharges are in addition to rates above						
Rates reference: see	Rate Books	for more details					

SEMCO ENERGY GAS COMPANY

December, 2007

MPSC DIVISION

UPPER PENINSULA WEST (2) -FORMERLY PENINSULAR GAS

As of 5/30/06, UP-West customers will be billed as SEMCO MPSC Division customers

[- MPSC Order U-14726](#)

SEMCO MPSC Division

Customer		Distribution					Total
Charge		Charge					Vol Charge
RESIDENTIAL SERVICE (\$/month)			(volumetric charges in \$/Ccf metered)				
Sales			Gas Costs From Utility	Balancing Recovery Cost	Capacity Demand Charge	GCR Factor	
Residential Service	10.00	0.15817	+(0.72756	+ 0.02500	+ 0.03944	= 0.79200	)= 0.95017
Customer Choice-Residential alternative suppliers	10.00	0.15817	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
			+ per contract	+ 0.02500	+ 0.03944		
COMMERCIAL & INDUSTRIAL SERVICE (\$/month)			(volumetric charges in \$/Mcf metered)				
Sales			Gas Costs From Utility	Balancing Cost	Demand Charge	GCR Factor	
General Service (GS-1)	10.00	1.7488	+(7.27560	+ 0.2500	+ 0.3944	+ 7.9200	)= 9.66880
General Service (GS-2)	35.00	1.2813	+(7.27560	+ 0.2500	+ 0.3944	+ 7.9200	)= 9.20130
General Service (GS-3)	100.00	1.0062	+(7.27560	+ 0.2500	+ 0.3944	+ 7.9200	)= 8.92620
Customer Choice-Comm. & Industrial alternative suppliers	(see above)	(see above)	From Others	Balancing Recovery Surcharge	Capacity Demand Charge		
			+ per contract	+ 0.25000	+ 0.39440		
Transportation	Customer Charge (\$/month)	Remote Meter Charge (\$/month)	From Others	Distribution Charge On-Peak (Nov - Mar) \$/Dth	Distribution Charge Off-Peak (Apr - Oct) \$/Dth	Firm Balancing Charge \$/Dth	
TR-1	375.00	75.00	per contract	0.7191	0.5691	0.0344	
TR-2	1050.00	75.00	per contract	0.5681	0.4181	0.0344	
TR-3	3000.00	75.00	per contract	0.5013	0.3513	0.0344	

SEMCO

BATTLE CREEK									
DIVISION *	Customer Charge	SEMCO Fixed Charge	Distribution Charge	Gas Comm Charge	Balancing & Capacity Demand Charge	Over or Under Recovery Charge	GCR Factor	Total Vol Charge	
RESIDENTIAL SERVICE	(\$/month)	(\$/month)	(volumetric charges in \$/Therm metered)						
Sales				From Utility					
Residential Service	11.00	1.24	0.16389	+ 0.72032	+ 0.07168	+ 0.00000	= 0.79200	=	0.95589
Customer Choice				From Others					
alternate suppliers	11.00	1.24	0.16389	+ per contract	+ 0.07168	+ 0.00000	+		
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)								(volumetric charges in \$/Dth metered)
Sales				From Utility					
General Service (GS-1)	18.00	3.54	2.0764	+ 7.2032	+ 0.7168	+ 0.00000	+ 7.92000	=	9.9964
General Service (GS-2)	25.00	13.08	1.9497	+ 7.2032	+ 0.7168	+ 0.00000	+ 7.92000	=	9.8697
General Service (GS-3)	100.00	59.01	1.6225	+ 7.2032	+ 0.7168	+ 0.00000	+ 7.92000	=	9.5425
	Customer Charge	SEMCO Fixed Charge	Remote Meter Charge	Distribution Surcharge	Distribution Charge On-Peak	Distribution Charge Off-Peak			
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth	(Nov - Mar) \$/Dth	(Apr - Oct) \$/Dth			
GS-3 TR	100.00	59.01	75.00	1.6225					
TR-1	275.00		75.00		1.6251	1.4751			
TR-2	1400.00		75.00		1.3614	1.2114			
TR-3	3900.00		75.00		1.0618	0.9118			
OTHER	(\$/month)								
Gas Light Service	7.00								
* Battle Creek Div. rates set by the city, but now under MPSC jurisdiction (Case U-14882). Contact SEMCO Energy for details. Rates at semcoenergy.com Customer Attachment Program surcharges are in addition to rates above Understanding your bill at semcoenergygas.com									
Rates Reference: see Rate Books for more details									

OTHER MICHIGAN-PSC REGULATED

December, 2007

SHELL GAS (LPG)

See Shell Gas (LPG) rate book on MPSC gas rate book page

[See Shell Gas](#)**WISCONSIN PUBLIC SERVICE CORPORATION**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	5.00	0.08564	+ 0.81886	= 0.90450
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm Comm. & Industrial				
<i>Small</i>	15.00	0.8514	+ 8.1886	= 9.0400
<i>Large</i>	72.00	0.6214	+ 8.1886	= 8.8100

Rates Reference: see [Rate Books](#) for more details[Rate Information at wisconsinpublicservice.com](#)**XCEL ENERGY**

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
RESIDENTIAL SERVICE	(\$/month)	(volumetric charges in \$/Therm metered)		
Sales			From Utility	
Residential Service	6.50	0.12000	+ 0.81653	= 0.93653
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered)		
Sales			From Utility	
Firm	14.00	0.8450	+ 8.1653	= 9.0103
Interruptible	40.00	0.3300	+ 8.1653	= 8.4953
	Customer Charge	Meter Charge	Admin Charge	Distribution Charge
Transportation	(\$/month)	(\$/month)	(\$/month)	\$/Dth
Firm	40.00	25.00	25.00	0.3300

Rates Reference: see [Rate Books](#) for more details[Rate Information at xcelenergy.com](#)

NON MICHIGAN-PSC REGULATED

December, 2007

MINNESOTA ENERGY RESOURCES CORPORATION

	Customer Charge	Distribution Charge
COMMERCIAL & INDUSTRIAL SERVICE	(\$/month)	(volumetric charges in \$/Dth metered/contract)
Transportation	N/A	0.0400

AURORA GAS COMPANY *

	Customer Charge	Distribution Charge	GCR Factor	Total Vol Charge
Contact Aurora Gas Co				

CITIZENS GAS FUEL COMPANY *

	Customer Charge	Distribution Charge	Gas Supply Charge	Total Vol Charge
Contact Citizens Gas Fuel Co				

PRESQUE ISLE ELECTRIC & GAS Coop *

	Customer Charge	Total Vol Charge
Contact Presque Isle E&G Coop		

SUPERIOR ENERGY COMPANY *

	Customer Charge	Total Vol Charge
Contact Superior Energy Co		

* Rates set by local government regulation, not by MPSC.

Rates Reference: see [Rate Books](#) for more details

Residential Sum

RESIDENTIAL RATE COMPARISONS

December, 2007

	Customer Charge	Distribution Charge	GCR Factor or Gas Charge	Total Vol Charge	100 Ccf or 100 Therm Bill	Compared to Average
	(\$/month)	\$/Ccf	\$/Ccf	\$/Ccf	\$	+/- %
Aquila Networks - PNG	No residential service in Michigan					
Aurora Gas Company *	(Rates set by local government regulation, not by the MPSC)					
Citizens Gas Fuel Company *	(Rates set by local government regulation, not by the MPSC)					
Consumers Energy Co	9.00	0.20470	+ 0.77792	= 0.98262	\$107.26	6%
Michigan Consolidated Gas Co	8.50	0.17559	+ 0.75000	= 0.92559	\$101.06	0%
Michigan Gas Utilities Corp	8.00	0.15257	+ 0.70000	= 0.85257	\$93.26	-8%
Presque Isle E. & G. Coop. *	(Rates set by local government regulation, not by the MPSC)					
SEMCO Energy Gas Company MPSC Division	10.00	0.15817	+ 0.79200	= 0.95017	\$105.02	4%
Superior Energy Company *	(Rates set by local government regulation, not by the MPSC)					
		\$/Therm	\$/Therm	\$/Therm	\$	+/- %
SEMCO Energy Gas Company Battle Creek Div (Note 2)*	12.24	0.16389	+ 0.79200	= 0.95589	\$107.83	6%
Wisconsin Public Service Corp	5.00	0.08564	+ 0.81886	= 0.90450	\$95.45	-6%
Xcel Energy	6.50	0.12000	+ 0.81653	= 0.93653	\$100.15	-1%
AVERAGE RATE	8.46	0.15151	0.77819	0.92970	\$101.43	0%

* Rates set by local government regulation, not by MPSC.

All **volmetric rates** (or usage rates) are in dollars per hundred cubic feet (Ccf), except SEMCO-Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are dollars per Therm.

Compared to Average percents show how much greater or less each company's total 100 Ccf (or Therm) Bill charge is compared to the simple average total charge shown in **Average Rate** at bottom.

Notes:

Note 1: SEMCO Energy MPSC Division's Gas GCR Factor includes a Balancing Recovery Cost charge and a Capacity Demand Cost charge. See **SEMCO** rate tab below

Note 2: SEMCO Energy Battle Creek Division's Gas Charge includes a Gas Commodity Cost charge, a Balancing Recovery Cost charge, and a Capacity Demand Costs charge. See **SEMCO** rate tab below

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTORS

December, 2007

	Rate status change since last month	Factor Charged	Maximum Authorized	MPSC Ordered	Order Reference
		\$/unit	\$/unit	\$/unit	case no
Aquila Networks - PNG		No sales in Mich			
Aurora Gas Company *		(Rates set by local government regulation, not by the MPSC)			
Citizens Gas Fuel Company *		(Rates set by local government regulation, not by the MPSC)			
Consumers Energy Co	<i>Increased</i>	7.7792	8.4657	8.4657 /Mcf	U-15041
Michigan Consolidated Gas Co	<i>Same</i>	7.5000	8.4900	8.4900 /Mcf	U-15042
Michigan Gas Utilities Corp	<i>Same</i>	7.0000	9.0385	9.0385 /Mcf	U-15040
Presque Isle E. & G. Coop. *		(Rates set by local government regulation, not by the MPSC)			
SEMCO Energy Gas Co					
SEMCO-Battle Creek Div.	<i>Increased</i>	7.9200	9.0123	9.0123 /Dth	U-15130
SEMCO-MPSC Div.	<i>Increased</i>	7.9200	8.9170	8.9170 /Mcf	U-15043
Superior Energy Company *		(Rates set by local government regulation, not by the MPSC)			
Wisconsin Public Service Corp	<i>Decreased</i>	8.1886	8.5568	8.5568 /Dth	U-15350
Xcel Energy	<i>Same</i>	8.1653	8.1653	8.1653 /Dth	U-15044

* Rates set by local government regulation, not by MPSC.

Factor Charged: The GCR Factor billed to customers for current month per GCR Clause in rate book and per Act 304, Public Acts of 1982.

Company Filed Plan: What company asked MPSC for. Is maximum allowable until MPSC issues order on requested GCR factors.

MPSC Ordered: Maximum allowable factor that MPSC allows company to charge. The MPSC has approved Ceiling Price Adjustment mechanisms for Consumers, MichCon, Peninsular, SEMCO, Wisconsin Public, and Xcel Energy that may increase the maximum allowed factor above that in the order. See tariff sheets that appear just after GCR Factor tariff sheet in [Rate Books](#)

Order Reference: Most recent Order or reference document available on MPSC web site.

Factors are in dollars per thousand cubic feet (Mcf), except Wisconsin Public Service Corp., Xcel Energy, and SEMCO-Battle Creek Division which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details

GAS COST RECOVERY FACTOR HISTORY

December, 2007

*Calendar Year of GCR Factors*PDF files available: [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#)

	Jan-07 \$/unit	Feb-07 \$/unit	Mar-07 \$/unit	Apr-07 \$/unit	May-07 \$/unit	Jun-07 \$/unit	
Aquila Networks - PNG							
Aurora Gas Company *							
Citizens Gas Fuel Company *							
Consumers Energy Company							
- As Currently Billed	7.7255	7.6277	7.6943	8.1628	8.2392	8.2884	/Mcf
-MPSC Order U-14716	9.4766	9.4766	9.4766				/Mcf
-MPSC Case U-15041-As Filed				8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041							/Mcf
Michigan Consolidated Gas Co							
- As Currently Billed	7.5000	6.7500	7.5000	8.0000	8.4900	8.4900	/Mcf
-MPSC Order U-14717	8.9500	8.9500	8.9500				/Mcf
-MPSC Case U-15042-As Filed				8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042							/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.7500	6.5000	7.6500	8.8163	8.6200	8.23002	/Mcf
- MPSC Order U-14715	9.5900	9.5900	9.5900				/Mcf
- MPSC Case U-15040 As Filed				9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040							/Mcf
Presque Isle E. & G. Coop. *							
SEMCO Energy Gas Company							
MPSC Division - As Currently Billed	8.0000	8.5780	8.2500	7.6500	8.7788	8.7788	/Mcf
- MPSC Order U-14718	9.5000	9.5000	9.5000				
-MPSC Case U-15043-As Filed				8.7788	8.7788	8.7788	
- MPSC Order U-15043							/Mcf
*Battle Creek Div.-As Currently Billed	8.7000	9.8900	9.7000	8.9000	9.0123	9.0123	/Dth
*Battle Creek Division-City Approved	10.2546	9.8900	9.7000	9.0123	9.0123	9.0123	/Dth
Superior Energy Company *							
Wisc Public Service Corp							
- As Currently Billed	7.9000	6.8000	8.9800	9.0500	8.5200	9.0500	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967	9.0967	9.0967	/Dth
-MPSC Order U-14956			9.0967	9.0967	9.0967	9.0967	/Dth
Xcel Energy							
- As Currently Billed	8.6290	7.5000	7.5000	8.8307	8.8307	8.8307	/Dth
- MPSC Order U-14719	8.6290	8.6290	8.6290				
-MPSC Case U-15044-As Filed				8.8307	8.8307	8.8307	
- MPSC Order U-15044							/Dth

GCR Hist

	Jul-07 \$/unit	Aug-07 \$/unit	Sep-07 \$/unit	Oct-07 \$/unit	Nov-07 \$/unit	Dec-07 \$/unit	
Aquila Networks - PNG							No sales in Mich
Aurora Gas Company *							(Rates set by local government regulation, not by the MPSC)
Citizens Gas Fuel Company *							(Rates set by local government regulation, not by the MPSC)
Consumers Energy Company							
- As Currently Billed	8.3303	7.8951	7.8238	7.7322	7.7777	7.7792	/Mcf
-MPSC Case U-15041-As Filed	8.6708	8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
-MPSC Order U-15041		8.6708	8.6708	8.4657	8.4657	8.4657	/Mcf
Mich Consolidated Gas Company							/Mcf
- As Currently Billed	8.4900	8.0000	8.0000	7.5000	7.5000	7.5000	/Mcf
-MPSC Case U-15042-As Filed	8.8300	8.8300	8.8300	8.4900	8.4900	8.4900	/Mcf
-MPSC Order U-15042			8.8300	8.4900	8.4900	8.4900	/Mcf
Michigan Gas Utilities Corp							
- As Currently Billed	8.23002	7.7500	7.7500	6.7200	7.0000	7.0000	/Mcf
- MPSC Case U-15040 As Filed	9.0385	9.0385	9.0385	9.0385	9.0385	9.0385	/Mcf
- MPSC Order U-15040					9.0385	9.0385	/Mcf
Presque Isle E. & G. Coop. *							(Rates set by local government regulation, not by the MPSC)
SEMCO Energy Gas Company							
Battle Creek Division							
- As Currently Billed	9.0123	8.9949	8.7500	7.8500	7.8500	7.9200	/Dth
-MPSC Case U-15130-As Filed	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
-MPSC Order U-15130	9.0123	9.0123	9.0123	9.0123	9.0123	9.0123	/Dth
MPSC Division							
- As Currently Billed	8.9949	8.9949	8.7500	7.8500	7.8500	7.9200	/Mcf
-MPSC Case U-15043-As Filed	8.9949	8.9949	8.9949	8.7788	8.7788	8.7788	/Mcf
- MPSC Order U-15043					8.9170	8.9170	/Mcf
Superior Energy Company *							(Rates set by local government regulation, not by the MPSC)
Wisc Public Service Corp							
- As Currently Billed	9.0967	9.0967	9.0967	9.0967	8.3283	8.1886	/Dth
-MPSC Case U-14956-As Filed	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Order U-14956	9.0967	9.0967	9.0967	9.0967			/Dth
-MPSC Case U-15350-As Filed					8.5568	8.5568	/Dth
Xcel Energy							
- As Currently Billed	9.0969	9.0969	9.0969	8.1653	8.1653	8.1653	/Dth
-MPSC Case U-15044-As Filed	8.9860	8.9860	8.9860	8.9860	8.9860	8.9860	/Dth
- MPSC Order U-15044	9.0969	9.0969	9.0969	8.1653	8.1653	8.1653	/Dth

* Rates set by local government regulation, not by MPSC.

Factors are in dollars per thousand cubic feet (Mcf), except SEMCO's Battle Creek Division, Wisconsin Public Service Corp. and Xcel Energy, which are in dollars per dekatherm (Dth).

Rates Reference: see [Rate Books](#) for more details