MICHIGAN

MPSC Vol No 5-GAS

 $109^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $108^{\rm th}$ Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
	November, 2016	\$0.38929 per Therm	\$0.38929 per Therm
R	December, 2016	\$0.38929 per Therm	\$0.38929 per Therm
R	January, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	February, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	March, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	April, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	May, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	June, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	July, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	August, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	September, 2017	\$0.38929 per Therm	\$0.00000 per Therm
R	October, 2017	\$0.38929 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2017 for maximum Gas Cost Recovery factors for November 2017 - October 2018. The Gas Cost Recovery Factor to be charged beginning November 2016 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 11-09-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin

CANCELLED
BY
ORDER U-18112

REMOVED BY DBR
DATE 12-09-16

Michigan Public Service Commission

November 10, 2016

Filed DBR

MICHIGAN

MPSC Vol No 5-GAS

 $108^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $107^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2016	\$0.38929 per Therm	\$0.38929 per Therm
December, 2016	\$0.38929 per Therm	\$0.00000 per Therm
January, 2017	\$0.38929 per Therm	\$0.00000 per Therm
February, 2017	\$0.38929 per Therm	\$0.00000 per Therm
March, 2017	\$0.38929 per Therm	\$0.00000 per Therm
April, 2017	\$0.38929 per Therm	\$0.00000 per Therm
May, 2017	\$0.38929 per Therm	\$0.00000 per Therm
June, 2017	\$0.38929 per Therm	\$0.00000 per Therm
July, 2017	\$0.38929 per Therm	\$0.00000 per Therm
August, 2017	\$0.38929 per Therm	\$0.00000 per Therm
September, 2017	\$0.38929 per Therm	\$0.00000 per Therm
October, 2017	\$0.38929 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2017 for maximum Gas Cost Recovery factors for November 2017 - October 2018. The Gas Cost Recovery Factor to be charged beginning November 2016 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 10-11-16

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By T. T. Eidukas Vice-President Milwaukee, Wisconsin

Michigan Public Service Commission		
October 12, 2016		
Filed DBR		

MICHIGAN

MPSC Vol No 5-GAS

 $107^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $106^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery F	Natural Gas	
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.31983 per Therm
June, 2016	\$0.42095 per Therm	\$0.31520 per Therm
July, 2015	\$0.42095 per Therm	\$0.31890 per Therm
August, 2016	\$0.42095 per Therm	\$0.35851 per Therm
September, 2016	\$0.42095 per Therm	\$0.32358 per Therm
October, 2016	\$0.42095 per Therm	\$0.34945 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2015 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Michigan Public Service

Continued to Sheet No. D-6.00

Issued: 09-09-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin

Commission

September 12, 2016

Filed DBR

CANCELLED

BY U-18018, U-18112

REMOVED BY

DATE _

DBR

10-12-16

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

 $106^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $105^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.31983 per Therm
June, 2016	\$0.42095 per Therm	\$0.31520 per Therm
July, 2015	\$0.42095 per Therm	\$0.31890 per Therm
August, 2016	\$0.42095 per Therm	\$0.35851 per Therm
September, 2016	\$0.42095 per Therm	\$0.32358 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2015 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-08-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin

CANCELLED
BY
ORDER U-17890

REMOVED BY DBR
DATE 09-12-16



Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

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 $105^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $104^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.31983 per Therm
June, 2016	\$0.42095 per Therm	\$0.31520 per Therm
July, 2015	\$0.42095 per Therm	\$0.31890 per Therm
August, 2016	\$0.42095 per Therm	\$0.35851 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2015 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 07-11-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin

CANCELLEI BY ORDER	υ-17890
REMOVED	BYRL
DATE	08-09-16

Michigan Public Service Commission

July 11, 2016

Filed DBR

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

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 104^{th} Rev. Sheet No. D-5.00 Replaces 103^{rd} Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.31983 per Therm
June, 2016	\$0.42095 per Therm	\$0.31520 per Therm
July, 2015	\$0.42095 per Therm	\$0.31890 per Therm
August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2015 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 06-08-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin

CANCELLED BY ORDER	U-17890
REMOVED BY	DBR 07-11-16

Michigan Public Service Commission

June 9, 2016

Filed DBR

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

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MICHIGAN

MPSC Vol No 5-GAS

 $103^{\rm rd}$ Rev. Sheet No. D-5.00 Replaces $102^{\rm nd}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.31983 per Therm
June, 2016	\$0.42095 per Therm	\$0.31520 per Therm
July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2015 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 05-09-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin

CANCELLED BY ORDER	U-17890
REMOVED B	OBR 06-09-16

Michigan Public Service Commission

May 9, 2016

Filed DBR

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

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MICHIGAN

MPSC Vol No 5-GAS

 102^{nd} Rev. Sheet No. D-5.00 Replaces 101^{st} Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	tors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015 January, 2016	\$0.42095 per Therm \$0.42095 per Therm	\$0.37567 per Therm \$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.31983 per Therm
June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2015 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 04-08-16

By T. T. Eidukas Vice-President Milwaukee, Wisconsin





Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

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MICHIGAN

MPSC Vol No 5-GAS

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R R R $101^{\rm st}$ Rev. Sheet No. D-5.00 Replaces $100^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016 February, 2016	\$0.42095 per Therm \$0.42095 per Therm	\$0.35903 per Therm \$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.32998 per Therm
May, 2016	\$0.42095 per Therm	\$0.00000 per Therm
June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 03-08-16

By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin





MICHIGAN

MPSC Vol No 5-GAS

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R R R 100^{th} Rev. Sheet No. D-5.00 Replaces 99^{th} Rev. Sheet No. D-5.00

2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.31565 per Therm
April, 2016	\$0.42095 per Therm	\$0.00000 per Therm
May, 2016	\$0.42095 per Therm	\$0.00000 per Therm
June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 02-11-16

By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

CANCELLED BY ORDER	U-17890
REMOVED BY	RL
DATE	03-09-16

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Feb	ruary	16, 2016
Filed	DBR	

MICHIGAN

MPSC Vol No 5-GAS

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 $99^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $98^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
February, 2016	\$0.42095 per Therm	\$0.37260 per Therm
March, 2016	\$0.42095 per Therm	\$0.00000 per Therm
April, 2016	\$0.42095 per Therm	\$0.00000 per Therm
May, 2016	\$0.42095 per Therm	\$0.00000 per Therm
June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 01-11-16

By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

CANCELLEI BY ORDER	D U-17890
REMOVED	BYDBR
DATE	02-16-16

Michigan Public Service Commission

January 11, 2016

Filed DBR

MICHIGAN

MPSC Vol No 5-GAS

 $98^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $97^{\rm th}$ Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
	November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
	December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
3.	January, 2016	\$0.42095 per Therm	\$0.35903 per Therm
ર	February, 2016	\$0.42095 per Therm	\$0.00000 per Therm
3	March, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	April, 2016	\$0.42095 per Therm	\$0.00000 per Therm
}	May, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
3	August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 12-08-15

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By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin



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MICHIGAN

7 MPSC Vol No 5-GAS

 $97^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $96^{\rm th}$ Rev. Sheet No. D-5.00

Γ	02. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
	November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
2	December, 2015	\$0.42095 per Therm	\$0.37567 per Therm
2	January, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	February, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	March, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	April, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	May, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
2	August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
2	September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
	October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 11-09-15

By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

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MICHIGAN

MPSC Vol No 5-GAS

 96^{th} Rev. Sheet No. D-5.00 Replaces 95^{th} Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2015	\$0.42095 per Therm	\$0.41142 per Therm
R	December, 2015	\$0.42095 per Therm	\$0.00000 per Therm
R	January, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	February, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	March, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	April, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	May, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	June, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	July, 2015	\$0.42095 per Therm	\$0.00000 per Therm
R	August, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	September, 2016	\$0.42095 per Therm	\$0.00000 per Therm
R	October, 2016	\$0.42095 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2016 for maximum Gas Cost Recovery factors for November 2016 - October 2017. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 10-08-15

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By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin Michigan Public Service Commission

October 13, 2015

Filed DBR

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

CANCELLED
BY
ORDER U-17890

REMOVED BY RL
DATE 11-09-15

 $95^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $94^{\rm th}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.55090 per Therm
June, 2015	\$0.72508 per Therm	\$0.56213 per Therm
July, 2015	\$0.72508 per Therm	\$0.56668 per Therm
August, 2015	\$0.72508 per Therm	\$0.55564 per Therm
September, 2015	\$0.72508 per Therm	\$0.56528 per Therm
October, 2015	\$0.72508 per Therm	\$0.53071 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2015 for maximum Gas Cost Recovery factors for November 2015 - October 2016. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 09-09-15

By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

CANCELLED BY ORDER	U-17890
REMOVED BY_	DBR
DATE 1	0-13-15

Michigan Public Service
Commission

September 9, 2015

For the November 2014 - October 2015 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15

Effective for bills rendered

In Case No: U-17650

R

Filed DBR

 $94^{\rm th}$ Rev. Sheet No. D-5.00 Replaces $93^{\rm rd}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	tors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.55090 per Therm
June, 2015	\$0.72508 per Therm	\$0.56213 per Therm
July, 2015	\$0.72508 per Therm	\$0.56668 per Therm
August, 2015	\$0.72508 per Therm	\$0.55564 per Therm
September, 2015	\$0.72508 per Therm	\$0.56528 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2015 for maximum Gas Cost Recovery factors for November 2015 - October 2016. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-12-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED BY ORDER	U-17650
REMOVED BY_	DBR 09-09-15

Michigan Public Service Commission

August 12, 2015

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15

Dated: 04-23-15 In Case No: U-17650

R R

 $93^{\rm rd}$ Rev. Sheet No. D-5.00 Replaces $92^{\rm nd}$ Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	tors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.55090 per Therm
June, 2015	\$0.72508 per Therm	\$0.56213 per Therm
July, 2015	\$0.72508 per Therm	\$0.56668 per Therm
August, 2015	\$0.72508 per Therm	\$0.55564 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

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The Company will file by July 31, 2015 for maximum Gas Cost Recovery factors for November 2015 - October 2016. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 07-09-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

BY U-17650 ORDER
REMOVED BY DBR DATE 08-12-15

Michigan Public Service
Commission

July 9, 2015

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15 In Case No: U-17650

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 92^{nd} Rev. Sheet No. D-5.00 Replaces 91stRev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.55090 per Therm
June, 2015	\$0.72508 per Therm	\$0.56213 per Therm
July, 2015	\$0.72508 per Therm	\$0.56668 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

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The Company will file by July 31, 2015 for maximum Gas Cost Recovery factors for November 2015 - October 2016. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 06-08-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17650

REMOVED BY DBR
DATE 07-09-15

Michigan Public Service Commission

June 8, 2015

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15

In Case No: U-17650

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MICHIGAN

MPSC Vol No 5-GAS

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R R R 91st Rev. Sheet No. D-5.00 Replaces 90th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.55090 per Therm
June, 2015	\$0.72508 per Therm	\$0.56213 per Therm
July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

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Continued to Sheet No. D-6.00

Issued: 05-08-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED BY ORDERU-17650	
REMOVED BYDBR	
DATE06-08-15	

Michigan Public Service Commission

May 12, 2015

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 04-23-15 In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

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90th Rev. Sheet No. D-5.00 Replaces 89th Rev. Sheet No. D-5.00

. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.55090 per Therm
June, 2015	\$0.72508 per Therm	\$0.00000 per Therm
July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

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Continued to Sheet No. D-6.00

Issued: 04-08-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

Michigan Public Service Commission

April 13, 2015

Filed DBR

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MPSC Vol No 5-GAS

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89th Rev. Sheet No. D-5.00 Replaces 88th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) Natural (Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.62007 per Therm
May, 2015	\$0.72508 per Therm	\$0.00000 per Therm
June, 2015	\$0.72508 per Therm	\$0.00000 per Therm
July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

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Continued to Sheet No. D-6.00

Issued: 03-09-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin





MICHIGAN

MPSC Vol No 5-GAS

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R R R 88th Rev. Sheet No. D-5.00 Replaces 87th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.59856 per Therm
April, 2015	\$0.72508 per Therm	\$0.00000 per Therm
May, 2015	\$0.72508 per Therm	\$0.00000 per Therm
June, 2015	\$0.72508 per Therm	\$0.00000 per Therm
July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

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Continued to Sheet No. D-6.00

Issued: 02-09-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

DT.	CANCE BY ORDER	TI_17650
DATE 03-10-15		

M	ichigan Public Service Commission
Feb	oruary 9, 2015
Filed	DBR

MICHIGAN

MPSC Vol No 5-GAS

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87 th Rev. Sheet No. D-5.00 Replaces 86th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.65187 per Therm
March, 2015	\$0.72508 per Therm	\$0.00000 per Therm
April, 2015	\$0.72508 per Therm	\$0.00000 per Therm
May, 2015	\$0.72508 per Therm	\$0.00000 per Therm
June, 2015	\$0.72508 per Therm	\$0.00000 per Therm
July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

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Continued to Sheet No. D-6.00

Issued: 01-12-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17650

REMOVED BY DBR
DATE 02-09-15

Michigan Public Service	
Commission	

January 13, 2015

Filed DBR

MICHIGAN

MPSC Vol No 5-GAS

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86th Rev. Sheet No. D-5.00 Replaces 85th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	actors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
December, 2014	\$0.72508 per Therm	\$0.59351 per Therm
January, 2015	\$0.72508 per Therm	\$0.62242 per Therm
February, 2015	\$0.72508 per Therm	\$0.00000 per Therm
March, 2015	\$0.72508 per Therm	\$0.00000 per Therm
April, 2015	\$0.72508 per Therm	\$0.00000 per Therm
May, 2015	\$0.72508 per Therm	\$0.00000 per Therm
June, 2015	\$0.72508 per Therm	\$0.00000 per Therm
July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

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Continued to Sheet No. D-6.00

Issued: 12-10-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

Michigan Public Service
Commission

December 10, 2014

Filed DBR

MICHIGAN

MPSC Vol No 5-GAS

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R R R 85th Rev. Sheet No. D-5.00 Replaces 84th Rev. Sheet No. D-5.00

D2. Gas Cost Re	ecovery Factors (So	hedule G	CRFM)	Natural	. Gas	l
Billing Month	ns Ba	se GCR Fa \$/Therr		Actual Fac \$/Th		Billed
November,	2014 \$0.7	2508 per	Therm	\$0.54393	per	Therm
December,	2014 \$0.7	2508 per	Therm	\$0.59351	per	Therm
January, 2	2015 \$0.7	2508 per	Therm	\$0.00000	per	Therm
February,	2015 \$0.7	2508 per	Therm	\$0.00000	per	Therm
March, 201	\$0.7	2508 per	Therm	\$0.00000	per	Therm
April, 201	\$0.7	2508 per	Therm	\$0.00000	per	Therm
May, 2015	\$0.7	2508 per	Therm	\$0.00000	per	Therm
June, 2015	\$0.7	2508 per	Therm	\$0.00000	per	Therm
July, 2015	\$0.7	2508 per	Therm	\$0.00000	per	Therm
August, 20	\$0.7	2508 per	Therm	\$0.00000	per	Therm
September,	2015 \$0.7	2508 per	Therm	\$0.00000	per	Therm
October, 2	2015 \$0.7	2508 per	Therm	\$0.00000	per	Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

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Continued to Sheet No. D-6.00

Issued: 11-12-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED BY U-17650

REMOVED BY DBR

DATE _____ 12-10-14

Michigan Public Service Commission

November 14, 2014

Filed DBR

MICHIGAN

MPSC Vol No 5-GAS

84th Rev. Sheet No. D-5.00 Replaces 83rd Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2014	\$0.72508 per Therm	\$0.54393 per Therm
R	December, 2014	\$0.72508 per Therm	\$0.00000 per Therm
R	January, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	February, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	March, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	April, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	May, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	June, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	July, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	August, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	September, 2015	\$0.72508 per Therm	\$0.00000 per Therm
R	October, 2015	\$0.72508 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2015 for maximum Gas Cost Recovery factors for November 2015 - October 2016. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

CANCELLED

REMOVED BY _____ DBR ______ DATE _____ 11-14-14

ORDER __

U-17650

Issued: 10-09-14

By D M Derricks Assistant Vice President

Green Bay, Wisconsin

Michigan Public Service
Commission

October 10, 2014

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm

In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

83rd Rev. Sheet No. D-5.00 Replaces 82nd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm
May, 2014	\$0.55370 per Therm	\$0.55370 per Therm
June, 2014	\$0.57370 per Therm	\$0.57370 per Therm
July, 2014	\$0.56700 per Therm	\$0.56700 per Therm
August, 2014	\$0.54360 per Therm	\$0.54360 per Therm
September, 2014	\$0.54360 per Therm	\$0.54360 per Therm
October, 2014	\$0.52020 per Therm	\$0.52020 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 09-17-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15152, U-17650

REMOVED BY DBR
DATE 10-10-14

Commission

September 17, 2014

Michigan Public Service

Filed DBR

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

In Case No: U-17279

82nd Rev. Sheet No. D-5.00 Replaces 81st Rev. Sheet No. D-5.00

D2. Gas Cost Recovery F	actors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm
May, 2014	\$0.55370 per Therm	\$0.55370 per Therm
June, 2014	\$0.57370 per Therm	\$0.57370 per Therm
July, 2014	\$0.56700 per Therm	\$0.56700 per Therm
August, 2014	\$0.54360 per Therm	\$0.54360 per Therm
September, 2014	\$0.54360 per Therm	\$0.54360 per Therm
October, 2014	\$0.54360 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-13-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin



Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

CANCELLED
BY
ORDER U-17279,U-15152
REMOVED BY DBR
DATE 09-17-14

81st Rev. Sheet No. D-5.00 Replaces 80th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	tors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm
May, 2014	\$0.55370 per Therm	\$0.55370 per Therm
June, 2014	\$0.57370 per Therm	\$0.57370 per Therm
July, 2014	\$0.56700 per Therm	\$0.56700 per Therm
August, 2014	\$0.54360 per Therm	\$0.54360 per Therm
September, 2014	\$0.54360 per Therm	\$0.00000 per Therm
October, 2014	\$0.54360 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 07-10-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED BY ORDERU-17279	
REMOVED BY RL DATE 08-13-14	

Michigan Public Service Commission

July 14, 2014

July 14, 2014

Filed DBR

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 12-06-13 In Case No: U-17279

R R

MICHIGAN

MPSC Vol No 5-GAS

80th Rev. Sheet No. D-5.00 Replaces 79th Rev. Sheet No. D-5.00

O2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas	
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm	
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm	
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm	
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm	
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm	
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm	
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm	
May, 2014	\$0.55370 per Therm	\$0.55370 per Therm	
June, 2014	\$0.57370 per Therm	\$0.57370 per Therm	
July, 2014	\$0.56700 per Therm	\$0.56700 per Therm	
August, 2014	\$0.56700 per Therm	\$0.00000 per Therm	
September, 2014	\$0.56700 per Therm	\$0.00000 per Therm	
October, 2014	\$0.56700 per Therm	\$0.00000 per Therm	

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

June 10, 2014

Filed DBR

Continued to Sheet No. D-6.00

Issued: 06-09-14

R R R

> By D M Derricks Assistant Vice President Green Bay, Wisconsin

> > CANCELLED
> > BY
> > ORDER U-17279
> >
> > REMOVED BY DBR
> > DATE 07-14-14

For the November 2013 October 2014 billing months.
Issued Under Auth. of
Mich Public Serv Comm
Dated: 12-06-13
In Case No: U-17279

Effective for bills rendered

MICHIGAN

MPSC Vol No 5-GAS

R

R R R 79th Rev. Sheet No. D-5.00 Replaces 78th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm
May, 2014	\$0.55370 per Therm	\$0.55370 per Therm
June, 2014	\$0.57370 per Therm	\$0.57370 per Therm
July, 2014	\$0.57370 per Therm	\$0.00000 per Therm
August, 2014	\$0.57370 per Therm	\$0.00000 per Therm
September, 2014	\$0.57370 per Therm	\$0.00000 per Therm
October, 2014	\$0.57370 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 05-09-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279

REMOVED BY DBR
DATE 06-10-14

Michigan Public Service
Commission

May 12, 2014

Filed DBR

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

MICHIGAN

MPSC Vol No 5-GAS

R

R

R R R R

78th Rev. Sheet No. D-5.00 Replaces 77th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm
May, 2014	\$0.55370 per Therm	\$0.55370 per Therm
June, 2014	\$0.55370 per Therm	\$0.00000 per Therm
July, 2014	\$0.55370 per Therm	\$0.00000 per Therm
August, 2014	\$0.55370 per Therm	\$0.00000 per Therm
September, 2014	\$0.55370 per Therm	\$0.00000 per Therm
October, 2014	\$0.55370 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 04-10-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

> CANCELLED U-17279 ORDER _ REMOVED BY____DBR DATE 05-12-14

Michigan Public Service Commission April 14, 2014 Filed DBR

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

MICHIGAN

MPSC Vol No 5-GAS

R R

R

R R R 77th Rev. Sheet No. D-5.00 Replaces 76th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56030 per Therm	\$0.56030 per Therm
May, 2014	\$0.56030 per Therm	\$0.00000 per Therm
June, 2014	\$0.56030 per Therm	\$0.00000 per Therm
July, 2014	\$0.56030 per Therm	\$0.00000 per Therm
August, 2014	\$0.56030 per Therm	\$0.00000 per Therm
September, 2014	\$0.56030 per Therm	\$0.00000 per Therm
October, 2014	\$0.56030 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 03-14-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

Michigan Public Service Commission

March 17, 2014

Filed DBR

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

MICHIGAN

MPSC Vol No 5-GAS

76th Rev. Sheet No. D-5.00 Replaces 75th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery B	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm
March, 2014	\$0.56370 per Therm	\$0.56370 per Therm
April, 2014	\$0.56370 per Therm	\$0.00000 per Therm
May, 2014	\$0.56370 per Therm	\$0.00000 per Therm
June, 2014	\$0.56370 per Therm	\$0.00000 per Therm
July, 2014	\$0.56370 per Therm	\$0.00000 per Therm
August, 2014	\$0.56370 per Therm	\$0.00000 per Therm
September, 2014	\$0.56370 per Therm	\$0.00000 per Therm
October, 2014	\$0.56370 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

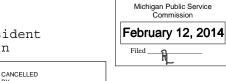
The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 02-12-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin



Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

In Case No: U-17279

BY U-17279 REMOVED BY____DBR

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R R

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R R R R

DATE ____03-17-14

MICHIGAN

MPSC Vol No 5-GAS

R R

R R

R

R R R 75th Rev. Sheet No. D-5.00 Replaces 74th Rev. Sheet No. D-5.00

2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas	
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm	
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm	
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm	
January, 2014	\$0.52350 per Therm	\$0.48845 per Therm	
February, 2014	\$0.53690 per Therm	\$0.44778 per Therm	
March, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
April, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
May, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
June, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
July, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
August, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
September, 2014	\$0.53690 per Therm	\$0.00000 per Therm	
October, 2014	\$0.53690 per Therm	\$0.00000 per Therm	

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

CANCELLED

BY U-17279

REMOVED BY RL

DATE 02-12-14

Issued: 01-14-14

By D M Derricks
Assistant Vice President
Green Bay, Wisconsin

Michigan Public Service Commission

January 15, 2014

Filed

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

MICHIGAN

MPSC Vol No 5-GAS

74th Rev. Sheet No. D-5.00 Replaces 73rd Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
	November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
	December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
R	January, 2014	\$0.52350 per Therm	\$0.48845 per Therm
R	February, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	March, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	April, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	May, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	June, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	July, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	August, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	September, 2014	\$0.52350 per Therm	\$0.00000 per Therm
R	October, 2014	\$0.52350 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 12-12-13

By D M Derricks Assistant Vice President Green Bay, Wisconsin



Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

CANCELLED
BY
ORDER U-17279, U-15152

REMOVED BY RL
DATE 01-15-14

MICHIGAN

MPSC Vol No 5-GAS

73rd Rev. Sheet No. D-5.00 Replaces 72nd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
December, 2013	\$0.52020 per Therm	\$0.47917 per Therm
January, 2014	\$0.52020 per Therm	\$0.00000 per Therm
February, 2014	\$0.52020 per Therm	\$0.00000 per Therm
March, 2014	\$0.52020 per Therm	\$0.00000 per Therm
April, 2014	\$0.52020 per Therm	\$0.00000 per Therm
May, 2014	\$0.52020 per Therm	\$0.00000 per Therm
June, 2014	\$0.52020 per Therm	\$0.00000 per Therm
July, 2014	\$0.52020 per Therm	\$0.00000 per Therm
August, 2014	\$0.52020 per Therm	\$0.00000 per Therm
September, 2014	\$0.52020 per Therm	\$0.00000 per Therm
October, 2014	\$0.52020 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 11-11-13

By D M Derricks
Assistant Vice President
Green Bay, Wisconsin

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BY
ORDER U-17279,U-15152

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DATE 12-17-13

Michigan Public Service Commission

November 12, 2013

Filed

Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

72nd Rev. Sheet No. D-5.00 Replaces 71st Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2013	\$0.52020 per Therm	\$0.49882 per Therm
R	December, 2013	\$0.52020 per Therm	\$0.00000 per Therm
R	January, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	February, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	March, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	April, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	May, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	June, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	July, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	August, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	September, 2014	\$0.52020 per Therm	\$0.00000 per Therm
R	October, 2014	\$0.52020 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2014 for maximum Gas Cost Recovery factors for November 2014 - October 2015. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 10-08-13

By D M Derricks Assistant Vice President Green Bay, Wisconsin

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CANCELLED BY U-17279 ORDER	
REMOVED BY RL	
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Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

71st Rev. Sheet No. D-5.00 Replaces 70th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas	
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm	
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm	
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm	
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm	
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm	
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm	
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm	
May, 2013	\$0.49058 per Therm	\$0.49058 per Therm	
June, 2013	\$0.49388 per Therm	\$0.49388 per Therm	
July, 2013	\$0.49388 per Therm	\$0.49388 per Therm	
August, 2013	\$0.49388 per Therm	\$0.46987 per Therm	
September, 2013	\$0.49388 per Therm	\$0.45379 per Therm	
October, 2013	\$0.49388 per Therm	\$0.43864 per Therm	

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 09-11-13

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY ORDER U-17279, U-15152
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Michigan Public Service
Commission

September 11, 2013

Filed DBR

Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12

In Case No: U-17060

70th Rev. Sheet No. D-5.00 Replaces 69th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
		
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm
May, 2013	\$0.49058 per Therm	\$0.49058 per Therm
June, 2013	\$0.49388 per Therm	\$0.49388 per Therm
July, 2013	\$0.49388 per Therm	\$0.49388 per Therm
August, 2013	\$0.49388 per Therm	\$0.46987 per Therm
September, 2013	\$0.49388 per Therm	\$0.45379 per Therm
October, 2013	\$0.49388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-13-13

By J F Schott VP External Affairs Green Bay, Wisconsin



Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 11-16-12 In Case No: U-17060

69th Rev. Sheet No. D-5.00 Replaces 68th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm
May, 2013	\$0.49058 per Therm	\$0.49058 per Therm
June, 2013	\$0.49388 per Therm	\$0.49388 per Therm
July, 2013	\$0.49388 per Therm	\$0.49388 per Therm
August, 2013	\$0.49388 per Therm	\$0.46987 per Therm
September, 2013	\$0.49388 per Therm	\$0.00000 per Therm
October, 2013	\$0.49388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 07-09-13

By J F Schott
VP External Affairs
Green Bay, Wisconsin



Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

68th Rev. Sheet No. D-5.00 Replaces 67th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm
May, 2013	\$0.49058 per Therm	\$0.49058 per Therm
June, 2013	\$0.49388 per Therm	\$0.49388 per Therm
July, 2013	\$0.49388 per Therm	\$0.49388 per Therm
August, 2013	\$0.49388 per Therm	\$0.00000 per Therm
September, 2013	\$0.49388 per Therm	\$0.00000 per Therm
October, 2013	\$0.49388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 06-10-13

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

67th Rev. Sheet No. D-5.00 Replaces 66th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm
May, 2013	\$0.49058 per Therm	\$0.49058 per Therm
June, 2013	\$0.49388 per Therm	\$0.49388 per Therm
July, 2013	\$0.49388 per Therm	\$0.00000 per Therm
August, 2013	\$0.49388 per Therm	\$0.00000 per Therm
September, 2013	\$0.49388 per Therm	\$0.00000 per Therm
October, 2013	\$0.49388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 05-09-13

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

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MICHIGAN

MPSC Vol No 5-GAS

66th Rev. Sheet No. D-5.00 Replaces 65th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm
May, 2013	\$0.49058 per Therm	\$0.49058 per Therm
June, 2013	\$0.49058 per Therm	\$0.00000 per Therm
July, 2013	\$0.49058 per Therm	\$0.00000 per Therm
August, 2013	\$0.49058 per Therm	\$0.00000 per Therm
September, 2013	\$0.49058 per Therm	\$0.00000 per Therm
October, 2013	\$0.49058 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 04-10-13

By J F Schott VP External Affairs Green Bay, Wisconsin

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MICHIGAN

MPSC Vol No 5-GAS

65th Rev. Sheet No. D-5.00 Replaces 64th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.45972 per Therm
May, 2013	\$0.46388 per Therm	\$0.00000 per Therm
June, 2013	\$0.46388 per Therm	\$0.00000 per Therm
July, 2013	\$0.46388 per Therm	\$0.00000 per Therm
August, 2013	\$0.46388 per Therm	\$0.00000 per Therm
September, 2013	\$0.46388 per Therm	\$0.00000 per Therm
October, 2013	\$0.46388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 03-12-13

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

64th Rev. Sheet No. D-5.00 Replaces 63rd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.45320 per Therm
April, 2013	\$0.46388 per Therm	\$0.00000 per Therm
May, 2013	\$0.46388 per Therm	\$0.00000 per Therm
June, 2013	\$0.46388 per Therm	\$0.00000 per Therm
July, 2013	\$0.46388 per Therm	\$0.00000 per Therm
August, 2013	\$0.46388 per Therm	\$0.00000 per Therm
September, 2013	\$0.46388 per Therm	\$0.00000 per Therm
October, 2013	\$0.46388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 02-12-13

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

63rd Rev. Sheet No. D-5.00 Replaces 62nd Rev. Sheet No. D-5.00

2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.46353 per Therm
March, 2013	\$0.46388 per Therm	\$0.00000 per Therm
April, 2013	\$0.46388 per Therm	\$0.00000 per Therm
May, 2013	\$0.46388 per Therm	\$0.00000 per Therm
June, 2013	\$0.46388 per Therm	\$0.00000 per Therm
July, 2013	\$0.46388 per Therm	\$0.00000 per Therm
August, 2013	\$0.46388 per Therm	\$0.00000 per Therm
September, 2013	\$0.46388 per Therm	\$0.00000 per Therm
October, 2013	\$0.46388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month. $\,$

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 01-11-13

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY ORDERU-17060	_
REMOVED BY RL	
DATE02-13-13	



Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

62nd Rev. Sheet No. D-5.00 Replaces 61st Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.46388 per Therm	\$0.46388 per Therm
February, 2013	\$0.46388 per Therm	\$0.00000 per Therm
March, 2013	\$0.46388 per Therm	\$0.00000 per Therm
April, 2013	\$0.46388 per Therm	\$0.00000 per Therm
May, 2013	\$0.46388 per Therm	\$0.00000 per Therm
June, 2013	\$0.46388 per Therm	\$0.00000 per Therm
July, 2013	\$0.46388 per Therm	\$0.00000 per Therm
August, 2013	\$0.46388 per Therm	\$0.00000 per Therm
September, 2013	\$0.46388 per Therm	\$0.00000 per Therm
October, 2013	\$0.46388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 12-12-12

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELL BY ORDER _	ED U-17060	
REMOVED	01-14-13	



Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

61st Rev. Sheet No. D-5.00 Replaces 60th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery F	actors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
December, 2012	\$0.45388 per Therm	\$0.45388 per Therm
January, 2013	\$0.45388 per Therm	\$0.00000 per Therm
February, 2013	\$0.45388 per Therm	\$0.00000 per Therm
March, 2013	\$0.45388 per Therm	\$0.00000 per Therm
April, 2013	\$0.45388 per Therm	\$0.00000 per Therm
May, 2013	\$0.45388 per Therm	\$0.00000 per Therm
June, 2013	\$0.45388 per Therm	\$0.00000 per Therm
July, 2013	\$0.45388 per Therm	\$0.00000 per Therm
August, 2013	\$0.45388 per Therm	\$0.00000 per Therm
September, 2013	\$0.45388 per Therm	\$0.00000 per Therm
October, 2013	\$0.45388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 11-13-12

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED U-17060
BY ORDER U-16850, U-15152
REMOVED BY RL
DATE 12-17-12



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MICHIGAN

MPSC Vol No 5-GAS

60th Rev. Sheet No. D-5.00 Replaces 59th Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2012	\$0.45388 per Therm	\$0.44691 per Therm
R	December, 2012	\$0.45388 per Therm	\$0.00000 per Therm
R	January, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	February, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	March, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	April, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	May, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	June, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	July, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	August, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	September, 2013	\$0.45388 per Therm	\$0.00000 per Therm
R	October, 2013	\$0.45388 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2013 for maximum Gas Cost Recovery factors for November 2013 - October 2014. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 10-11-12

By J F Schott VP External Affairs Green Bay, <u>Wisconsin</u>

CANCELLED
BY
ORDER U-17060

REMOVED BY RL
DATE 11-13-12



Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

59th Rev. Sheet No. D-5.00 Replaces 58th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.41624 per Therm
June, 2012	\$0.57102 per Therm	\$0.31743 per Therm
July, 2012	\$0.57102 per Therm	\$0.35956 per Therm
August, 2012	\$0.57102 per Therm	\$0.31301 per Therm
September, 2012	\$0.57102 per Therm	\$0.35394 per Therm
October, 2012	\$0.57102 per Therm	\$0.32031 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 09-13-12

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

58th Rev. Sheet No. D-5.00 Replaces 57th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.41624 per Therm
June, 2012	\$0.57102 per Therm	\$0.31743 per Therm
July, 2012	\$0.57102 per Therm	\$0.35956 per Therm
August, 2012	\$0.57102 per Therm	\$0.31301 per Therm
September, 2012	\$0.57102 per Therm	\$0.35394 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-14-12

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

57th Rev. Sheet No. D-5.00 Replaces 56th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.41624 per Therm
June, 2012	\$0.57102 per Therm	\$0.31743 per Therm
July, 2012	\$0.57102 per Therm	\$0.35956 per Therm
August, 2012	\$0.57102 per Therm	\$0.31301 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

BY U-16850

REMOVED BY RL

DATE 08-14-12

Issued: 07-12-12

By J F Schott VP External Affairs Green Bay, Wisconsin



Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

56th Rev. Sheet No. D-5.00 Replaces 55th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.41624 per Therm
June, 2012	\$0.57102 per Therm	\$0.31743 per Therm
July, 2012	\$0.57102 per Therm	\$0.35956 per Therm
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 06-14-12

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

55th Rev. Sheet No. D-5.00 Replaces 54th Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.41624 per Therm
June, 2012	\$0.57102 per Therm	\$0.31743 per Therm
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 05-11-12

By J F Schott VP External Affairs Green Bay, Wisconsin

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Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

54th Rev. Sheet No. D-5.00 Replaces 53rd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) Natural Gas		
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.41624 per Therm
June, 2012	\$0.57102 per Therm	\$0.00000 per Therm
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 04-11-12

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

53rd Rev. Sheet No. D-5.00 Replaces 52nd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) Natural Gas		
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.41107 per Therm
May, 2012	\$0.57102 per Therm	\$0.00000 per Therm
June, 2012	\$0.57102 per Therm	\$0.00000 per Therm
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 03-12-12

By J F Schott VP External Affairs Green Bay, Wisconsin

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REMOVED BY	RL -11-12
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Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

52nd Rev. Sheet No. D-5.00 Replaces 51st Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) Natural Gas		
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm
March, 2012	\$0.57102 per Therm	\$0.45167 per Therm
April, 2012	\$0.57102 per Therm	\$0.00000 per Therm
May, 2012	\$0.57102 per Therm	\$0.00000 per Therm
June, 2012	\$0.57102 per Therm	\$0.00000 per Therm
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 02-10-12

By J F Schott VP External Affairs Green Bay, Wisconsin

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	CANCELLED BY U-16850 ORDER	
	REMOVED BY RL DATE 03-13-12	
	DATE	

Michigan Public Service
Commission

February 13, 2012

Filed <u>LRS</u>

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

51st Rev. Sheet No. D-5.00 Replaces 50th Rev. Sheet No. D-5.00

2. Gas Cost Recovery Factors (Schedule GCRFM)		st Recovery Factors (Schedule GCRFM) Natural Gas	
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm	
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm	
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm	
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm	
February, 2012	\$0.57102 per Therm	\$0.48800 per Therm	
March, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
April, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
May, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
June, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm	

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 01-13-12

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY ORDER	U-16850
REMOVED BY	LRS 02-13-12

Michigan Public Service Commission

January 17, 2012

Filed LRS

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

50th Rev. Sheet No. D-5.00 Replaces 49th Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
January, 2012	\$0.57102 per Therm	\$0.55141 per Therm
February, 2012	\$0.57102 per Therm	\$0.00000 per Therm
March, 2012	\$0.57102 per Therm	\$0.00000 per Therm
April, 2012	\$0.57102 per Therm	\$0.00000 per Therm
May, 2012	\$0.57102 per Therm	\$0.00000 per Therm
June, 2012	\$0.57102 per Therm	\$0.00000 per Therm
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 12-09-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY ORDER	U-16850
REMOVED BY	RL 01-17-12

Michigan Public Service Commission

December 12, 2011

Filed <u>LRS</u>

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

49th Rev. Sheet No. D-5.00 Replaces 48th Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2011	\$0.57102 per Therm	\$0.57102 per Therm
R	December, 2011	\$0.57102 per Therm	\$0.55726 per Therm
R	January, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	February, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	March, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	April, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	May, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	June, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	July, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	August, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	September, 2012	\$0.57102 per Therm	\$0.00000 per Therm
R	October, 2012	\$0.57102 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 11-11-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY ORDER	U-16850
REMOVED BY	RL 12-12-11

Michigan	Public	Service
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November 15, 2011

Filed LRS

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

 $48 \, \text{th}$ Rev. Sheet No. D-5.00 Replaces 47th Rev. Sheet No. D-5.00

Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas	
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm	
November, 2011	\$0.57102 per Therm	\$0.57102 per Therm	
December, 2011	\$0.57102 per Therm	\$0.00000 per Therm	
January, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
February, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
March, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
April, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
May, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
June, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
July, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
August, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
September, 2012	\$0.57102 per Therm	\$0.00000 per Therm	
October, 2012	\$0.57102 per Therm	\$0.00000 per Therm	

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2012 for maximum Gas Cost Recovery factors for November 2012 - October 2013. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to \$6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 10-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY U-16850, U-15152

REMOVED BY RL
DATE 11-15-11

Michigan Public Service Commission

October 17, 2011

Filed LRS

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16850

47th Rev. Sheet No. D-5.00 Replaces 46th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.47236 per Therm
June, 2011	\$0.62041 per Therm	\$0.54196 per Therm
July, 2011	\$0.62041 per Therm	\$0.60896 per Therm
August, 2011	\$0.62041 per Therm	\$0.62041 per Therm
September, 2011	\$0.62041 per Therm	\$0.62041 per Therm
October, 2011	\$0.62041 per Therm	\$0.62041 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 09-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16850, U-15152

REMOVED BY RL
DATE 10-17-11

Michigan Public Service
Commission

September 14, 2011

Filed LRS

Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 02-08-11 In Case No: U-16390

46th Rev. Sheet No. D-5.00 Replaces 45th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.47236 per Therm
June, 2011	\$0.62041 per Therm	\$0.54196 per Therm
July, 2011	\$0.62041 per Therm	\$0.60896 per Therm
August, 2011	\$0.62041 per Therm	\$0.62041 per Therm
September, 2011	\$0.62041 per Therm	\$0.62041 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-12-11

By J F Schott VP External Affairs Green Bay, Wi<u>sconsin</u>





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MICHIGAN

MPSC Vol No 5-GAS

45th Rev. Sheet No. D-5.00 Replaces 44th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.47236 per Therm
June, 2011	\$0.62041 per Therm	\$0.54196 per Therm
July, 2011	\$0.62041 per Therm	\$0.60896 per Therm
August, 2011	\$0.62041 per Therm	\$0.62041 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

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By J F Schott VP External Affairs Green Bay, Wisconsin





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MICHIGAN

MPSC Vol No 5-GAS

44th Rev. Sheet No. D-5.00 Replaces 43rd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
		
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.47236 per Therm
June, 2011	\$0.62041 per Therm	\$0.54196 per Therm
July, 2011	\$0.62041 per Therm	\$0.60896 per Therm
August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 06-10-11

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 02-08-11 In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

 $43\,\mathrm{rd}$ Rev. Sheet No. D-5.00 Replaces 42nd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
		
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.47236 per Therm
June, 2011	\$0.62041 per Therm	\$0.54196 per Therm
July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 05-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin





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MICHIGAN

MPSC Vol No 5-GAS

42nd Rev. Sheet No. D-5.00 Replaces 41st Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.47236 per Therm
June, 2011	\$0.62041 per Therm	\$0.00000 per Therm
July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 04-11-11

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 02-08-11 In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

41st Rev. Sheet No. D-5.00 Replaces 40th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
April, 2011	\$0.62041 per Therm	\$0.51001 per Therm
May, 2011	\$0.62041 per Therm	\$0.00000 per Therm
June, 2011	\$0.62041 per Therm	\$0.00000 per Therm
July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 03-10-11

By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 02-08-11 In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

40th Rev. Sheet No. D-5.00 Replaces 39th Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
R	December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
R	January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
R	February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
R	March, 2011	\$0.62041 per Therm	\$0.55512 per Therm
R	April, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	May, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	June, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00 and D-7.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 02-10-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY U-16390 ORDER W-16390 ATE OTHER O

Michigan Public Service Commission		
February 14, 2011		
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Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 02-08-11 In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

39th Rev. Sheet No. D-5.00 Replaces 38th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.56202 per Therm
February, 2011	\$0.62041 per Therm	\$0.54630 per Therm
March, 2011	\$0.62041 per Therm	\$0.00000 per Therm
April, 2011	\$0.62041 per Therm	\$0.00000 per Therm
May, 2011	\$0.62041 per Therm	\$0.00000 per Therm
June, 2011	\$0.62041 per Therm	\$0.00000 per Therm
July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 01-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER _U-16390, U-15152

REMOVED BY ______ MS
DATE ______ 02-14-11



Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

38th Rev. Sheet No. D-5.00 Replaces 37th Rev. Sheet No. D-5.00

Base GCR Factor	Actual Factor Billed
Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
\$0.62041 per Therm	\$0.54770 per Therm
\$0.62041 per Therm	\$0.52948 per Therm
\$0.62041 per Therm	\$0.56202 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
\$0.62041 per Therm	\$0.00000 per Therm
	\$0.62041 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 12-13-10

By J F Schott VP External Affairs Green Bay, Wisconsin

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BY
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DATE 01-13-11



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MICHIGAN

MPSC Vol No 5-GAS

37th Rev. Sheet No. D-5.00 Replaces 36th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
December, 2010	\$0.62041 per Therm	\$0.52948 per Therm
January, 2011	\$0.62041 per Therm	\$0.00000 per Therm
February, 2011	\$0.62041 per Therm	\$0.00000 per Therm
March, 2011	\$0.62041 per Therm	\$0.00000 per Therm
April, 2011	\$0.62041 per Therm	\$0.00000 per Therm
May, 2011	\$0.62041 per Therm	\$0.00000 per Therm
June, 2011	\$0.62041 per Therm	\$0.00000 per Therm
July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 11-12-10

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER ______ U-16390

REMOVED BY _____ RL
DATE ______ 12-14-10

Michigan Public Service Commission

November 15, 2010

Filed MKS

Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

36th Rev. Sheet No. D-5.00 Replaces 35th Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2010	\$0.62041 per Therm	\$0.54770 per Therm
R	December, 2010	\$0.62041 per Therm	\$0.00000 per Therm
R	January, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	February, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	March, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	April, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	May, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	June, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	July, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	August, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	September, 2011	\$0.62041 per Therm	\$0.00000 per Therm
R	October, 2011	\$0.62041 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2011 for maximum Gas Cost Recovery factors for November 2011 - October 2012. The Gas Cost Recovery Factor to be charged beginning November 2010 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 10-13-10

By J F Schott VP External Affairs Green Bay, Wisconsin



Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16390

35th Rev. Sheet No. D-5.00 Replaces 34th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.40098 per Therm
June, 2010	\$0.62481 per Therm	\$0.62047 per Therm
July, 2010	\$0.62481 per Therm	\$0.62423 per Therm
August, 2010	\$0.62481 per Therm	\$0.62451 per Therm
September, 2010	\$0.62481 per Therm	\$0.62481 per Therm
October, 2010	\$0.62481 per Therm	\$0.62481 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

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By James F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY ORDER U-16390,U-15152 REMOVED BY____RL DATE _____10-15-10 Michigan Public Service Commission September 13, 2010

For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

R

Effective for bills rendered

34 th Rev. Sheet No. D-5.00 Replaces 33rd Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.40098 per Therm
June, 2010	\$0.62481 per Therm	\$0.62047 per Therm
July, 2010	\$0.62481 per Therm	\$0.62423 per Therm
August, 2010	\$0.62481 per Therm	\$0.62451 per Therm
September, 2010	\$0.62481 per Therm	\$0.62481 per Therm
October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 08-11-10

By James F Schott

DATE 09-13-10

Wichigan Public Service Commission

Michigan Public Service Commission

August 12, 2010

Filed 1

Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

33 rd Rev. Sheet No. D-5.00 Replaces 32 nd Rev. Sheet No. D-5.00

. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.40098 per Therm
June, 2010	\$0.62481 per Therm	\$0.62047 per Therm
July, 2010	\$0.62481 per Therm	\$0.62423 per Therm
August, 2010	\$0.62481 per Therm	\$0.62451 per Therm
September, 2010	\$0.62481 per Therm	\$0.00000 per Therm
October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00

Issued: 07-12-10

By James F Schott VP External Affairs Green Bay, Wisconsin REMOVED BY RL

DATE 08-12-10

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U-16010

Michigan Public Service Commission

July 13, 2010

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Effective for bills rendered For the November 2009 - October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

32nd Rev. Sheet No. D-5.00 Replaces 31st Rev. Sheet No. D-5.00

. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.40098 per Therm
June, 2010	\$0.62481 per Therm	\$0.62047 per Therm
July, 2010	\$0.62481 per Therm	\$0.62423 per Therm
August, 2010	\$0.62481 per Therm	\$0.00000 per Therm
September, 2010	\$0.62481 per Therm	\$0.00000 per Therm
October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 06-11-10

By James F Schott

VP External Affairs
Green Bay, Wisconsin

Michigan Public Service Commission

June 14, 2010

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Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

31st Rev. Sheet No. D-5.00 Replaces 30th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.40098 per Therm
June, 2010	\$0.62481 per Therm	\$0.62047 per Therm
July, 2010	\$0.62481 per Therm	\$0.00000 per Therm
August, 2010	\$0.62481 per Therm	\$0.00000 per Therm
September, 2010	\$0.62481 per Therm	\$0.00000 per Therm
October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 05-13-10

By James F Schott Vice President Green Bay, Wisconsin

 Michigan Public Service Commission

May 13, 2010

Filed_LS

Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

30th Rev. Sheet No. D-5.00 Replaces 29th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.40098 per Therm
June, 2010	\$0.62481 per Therm	\$0.00000 per Therm
July, 2010	\$0.62481 per Therm	\$0.00000 per Therm
August, 2010	\$0.62481 per Therm	\$0.00000 per Therm
September, 2010	\$0.62481 per Therm	\$0.00000 per Therm
October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.



Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

29th Rev. Sheet No. D-5.00 Replaces 28th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
April, 2010	\$0.62481 per Therm	\$0.60386 per Therm
May, 2010	\$0.62481 per Therm	\$0.00000 per Therm
June, 2010	\$0.62481 per Therm	\$0.00000 per Therm
July, 2010	\$0.62481 per Therm	\$0.00000 per Therm
August, 2010	\$0.62481 per Therm	\$0.00000 per Therm
September, 2010	\$0.62481 per Therm	\$0.00000 per Therm
October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

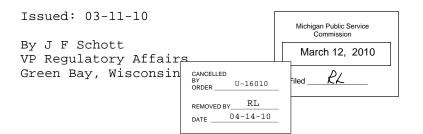
The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.



Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

28th Rev. Sheet No. D-5.00 Replaces 27th Rev. Sheet No. D-5.00

	D2. Gas Cost Recovery Factors (Schedule GCRFM)		Natural Gas
	Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
R	November, 2009	\$0.62481 per Therm	\$0.59694 per Therm
R	December, 2009	\$0.62481 per Therm	\$0.59101 per Therm
R	January, 2010	\$0.62481 per Therm	\$0.56560 per Therm
R	February, 2010	\$0.62481 per Therm	\$0.62356 per Therm
R	March, 2010	\$0.62481 per Therm	\$0.57339 per Therm
R	April, 2010	\$0.62481 per Therm	\$0.00000 per Therm
R	May, 2010	\$0.62481 per Therm	\$0.00000 per Therm
R	June, 2010	\$0.62481 per Therm	\$0.00000 per Therm
R	July, 2010	\$0.62481 per Therm	\$0.00000 per Therm
R	August, 2010	\$0.62481 per Therm	\$0.00000 per Therm
R	September, 2010	\$0.62481 per Therm	\$0.00000 per Therm
R	October, 2010	\$0.62481 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seg.

Continued to Sheet No. D-6.00.

Issued: 03-08-10

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER _____ U-16010

REMOVED BY ____ RL
DATE _____ 03-12-10

Michigan Public Service Commission		
Ма	rch 9, 2010	
Filed		

Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

27th Rev. Sheet No. D-5.00 Replaces 26th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.70857 per Therm	\$0.59694 per Therm
December, 2009	\$0.70857 per Therm	\$0.59101 per Therm
January, 2010	\$0.70857 per Therm	\$0.56560 per Therm
February, 2010	\$0.70857 per Therm	\$0.62356 per Therm
March, 2010	\$0.70857 per Therm	\$0.57339 per Therm
April, 2010	\$0.70857 per Therm	\$0.00000 per Therm
May, 2010	\$0.70857 per Therm	\$0.00000 per Therm
June, 2010	\$0.70857 per Therm	\$0.00000 per Therm
July, 2010	\$0.70857 per Therm	\$0.00000 per Therm
August, 2010	\$0.70857 per Therm	\$0.00000 per Therm
September, 2010	\$0.70857 per Therm	\$0.00000 per Therm
October, 2010	\$0.70857 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 02-11-10

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

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BY
ORDER_U-16010-15152

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Michigan Public Service Commission

February 12, 2010

Filed_LS_

Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16010

26th Rev. Sheet No. D-5.00 Replaces 25th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Facto	ors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.70857 per Therm	\$0.59694 per Therm
December, 2009	\$0.70857 per Therm	\$0.59101 per Therm
January, 2010	\$0.70857 per Therm	\$0.56560 per Therm
February, 2010	\$0.70857 per Therm	\$0.62356 per Therm
March, 2010	\$0.70857 per Therm	\$0.00000 per Therm
April, 2010	\$0.70857 per Therm	\$0.00000 per Therm
May, 2010	\$0.70857 per Therm	\$0.00000 per Therm
June, 2010	\$0.70857 per Therm	\$0.00000 per Therm
July, 2010	\$0.70857 per Therm	\$0.00000 per Therm
August, 2010	\$0.70857 per Therm	\$0.00000 per Therm
September, 2010	\$0.70857 per Therm	\$0.00000 per Therm
October, 2010	\$0.70857 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 01-15-10

By J F Schott VP Regulatory Affairs Green Bay. Wisconsin

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Michigan Public Service Commission

January 19, 2010

Filed_LS__

Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

25th Rev. Sheet No. D-5.00 Replaces 24th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.70857 per Therm	\$0.59694 per Therm
December, 2009	\$0.70857 per Therm	\$0.59101 per Therm
January, 2010	\$0.70857 per Therm	\$0.56560 per Therm
February, 2010	\$0.70857 per Therm	\$0.00000 per Therm
March, 2010	\$0.70857 per Therm	\$0.00000 per Therm
April, 2010	\$0.70857 per Therm	\$0.00000 per Therm
May, 2010	\$0.70857 per Therm	\$0.00000 per Therm
June, 2010	\$0.70857 per Therm	\$0.00000 per Therm
July, 2010	\$0.70857 per Therm	\$0.00000 per Therm
August, 2010	\$0.70857 per Therm	\$0.00000 per Therm
September, 2010	\$0.70857 per Therm	\$0.00000 per Therm
October, 2010	\$0.70857 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 12-10-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED BY ORDERU-16010
REMOVED BYRL
DATE01-20-10

Michigan Public Service Commission

December 11, 2009

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Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

24th Rev. Sheet No. D-5.00 Replaces 23rd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.70857 per Therm	\$0.59694 per Therm
December, 2009	\$0.70857 per Therm	\$0.59101 per Therm
January, 2010	\$0.70857 per Therm	\$0.00000 per Therm
February, 2010	\$0.70857 per Therm	\$0.00000 per Therm
March, 2010	\$0.70857 per Therm	\$0.00000 per Therm
April, 2010	\$0.70857 per Therm	\$0.00000 per Therm
May, 2010	\$0.70857 per Therm	\$0.00000 per Therm
June, 2010	\$0.70857 per Therm	\$0.00000 per Therm
July, 2010	\$0.70857 per Therm	\$0.00000 per Therm
August, 2010	\$0.70857 per Therm	\$0.00000 per Therm
September, 2010	\$0.70857 per Therm	\$0.00000 per Therm
October, 2010	\$0.70857 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2009 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 11-13-09

By J F Schott VP Regulatory Affairs Green Bay, <u>Wisconsin</u>

CANCELLED
BY
ORDER U-16010

REMOVED BY RL
DATE 12-11-09

Michigan Public Service Commission

November 13, 2009

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Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

R

23rd Rev. Sheet No. D-5.00 Replaces 22nd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Base GCR Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2009	\$0.70857 per Therm	\$0.59694 per Therm
December, 2009	\$0.70857 per Therm	\$0.00000 per Therm
January, 2010	\$0.70857 per Therm	\$0.00000 per Therm
February, 2010	\$0.70857 per Therm	\$0.00000 per Therm
March, 2010	\$0.70857 per Therm	\$0.00000 per Therm
April, 2010	\$0.70857 per Therm	\$0.00000 per Therm
May, 2010	\$0.70857 per Therm	\$0.00000 per Therm
June, 2010	\$0.70857 per Therm	\$0.00000 per Therm
July, 2010	\$0.70857 per Therm	\$0.00000 per Therm
August, 2010	\$0.70857 per Therm	\$0.00000 per Therm
September, 2010	\$0.70857 per Therm	\$0.00000 per Therm
October, 2010	\$0.70857 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

The Base GCR Factor is subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2010 for maximum Gas Cost Recovery factors for November 2010 - October 2011. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seg.

Continued to Sheet No. D-6.00.

Issued: 10-08-09

By J F Schott VP Regulatory Affairs Green Bay, <u>Wisconsin</u>

CANCELLED
BY
ORDER U-16010

REMOVED BY RL
DATE 11-13-09

Michigan Public Service
Commission

October 15, 2009

Filed L S

Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16010

22nd Rev. Sheet No. D-5.00 Replaces 21st Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.77336 per Therm
April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
May, 2009	\$0.92584 per Therm	\$0.73854 per Therm
June, 2009	\$0.92584 per Therm	\$0.64335 per Therm
July, 2009	\$0.92584 per Therm	\$0.51504 per Therm
August, 2009	\$0.92584 per Therm	\$0.57690 per Therm
September, 2009	\$0.92584 per Therm	\$0.51845 per Therm
October, 2009	\$0.92584 per Therm	\$0.52016 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2009 for maximum Gas Cost Recovery factors for November 2009 - October 2010. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 09-10-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

21st Rev. Sheet No. D-5.00 Replaces 20th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.77336 per Therm
April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
May, 2009	\$0.92584 per Therm	\$0.73854 per Therm
June, 2009	\$0.92584 per Therm	\$0.64335 per Therm
July, 2009	\$0.92584 per Therm	\$0.51504 per Therm
August, 2009	\$0.92584 per Therm	\$0.57690 per Therm
September, 2009	\$0.92584 per Therm	\$0.51845 per Therm
October, 2009	\$0.92584 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2009 for maximum Gas Cost Recovery factors for November 2009 - October 2010. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 08-13-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED BY ORDERU-15622	
REMOVED BY RL DATE 09-15-09	



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

20th Rev. Sheet No. D-5.00 Replaces 19th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fac	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.77336 per Therm
April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
May, 2009	\$0.92584 per Therm	\$0.73854 per Therm
June, 2009	\$0.92584 per Therm	\$0.64335 per Therm
July, 2009	\$0.92584 per Therm	\$0.51504 per Therm
August, 2009	\$0.92584 per Therm	\$0.57690 per Therm
September, 2009	\$0.92584 per Therm	\$0.00000 per Therm
October, 2009	\$0.92584 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

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The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2009 for maximum Gas Cost Recovery factors for November 2009 - October 2010. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 07-14-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

19th Rev. Sheet No. D-5.00 Replaces 18th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.77336 per Therm
April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
May, 2009	\$0.92584 per Therm	\$0.73854 per Therm
June, 2009	\$0.92584 per Therm	\$0.64335 per Therm
July, 2009	\$0.92584 per Therm	\$0.51504 per Therm
August, 2009	\$0.92584 per Therm	\$0.00000 per Therm
September, 2009	\$0.92584 per Therm	\$0.00000 per Therm
October, 2009	\$0.92584 per Therm	\$0.00000 per Therm

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Continued to Sheet No. D-6.00.

Issued: 06-09-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

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Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09

In Case No: U-15622

18th Rev. Sheet No. D-5.00 Replaces 17th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.77336 per Therm
April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
May, 2009	\$0.92584 per Therm	\$0.73854 per Therm
June, 2009	\$0.92584 per Therm	\$0.64335 per Therm
July, 2009	\$0.92584 per Therm	\$0.00000 per Therm
August, 2009	\$0.92584 per Therm	\$0.00000 per Therm
September, 2009	\$0.92584 per Therm	\$0.00000 per Therm
October, 2009	\$0.92584 per Therm	\$0.00000 per Therm

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Continued to Sheet No. D-6.00.

Issued: 05-12-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

Wisconsin	
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REMOVED BY RL DATE 06-16-09	



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

MPSC Vol No 5-GAS

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17th Rev. Sheet No. D-5.00 Replaces 16th Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
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June, 2009	\$0.92584 per Therm	\$0.00000 per Therm
July, 2009	\$0.92584 per Therm	\$0.00000 per Therm
August, 2009	\$0.92584 per Therm	\$0.00000 per Therm
September, 2009	\$0.92584 per Therm	\$0.00000 per Therm
October, 2009	\$0.92584 per Therm	\$0.00000 per Therm

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Continued to Sheet No. D-6.00.

Issued: 04-30-09

By J F Schott VP Regulatory Affairs

Green Bay, Wisconsin CANCELLED BY ORDER U-15622 RLREMOVED BY 05-14-09 DATE



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09

In Case No: U-15622

16th Rev. Sheet No. D-5.00 Replaces 15th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
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April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
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June, 2009	\$1.40668 per Therm	\$0.00000 per Therm
July, 2009	\$1.40668 per Therm	\$0.00000 per Therm
August, 2009	\$1.40668 per Therm	\$0.00000 per Therm
September, 2009	\$1.40668 per Therm	\$0.00000 per Therm
October, 2009	\$1.40668 per Therm	\$0.00000 per Therm

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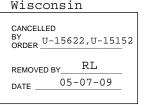
The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

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Continued to Sheet No. D-6.00.

Issued: 04-13-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MPSC Vol No 5-GAS

 $$15 \rm{th}$$ Rev. Sheet No. D-5.00 Replaces 14th Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
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April, 2009	\$1.40668 per Therm	\$0.79279 per Therm
May, 2009	\$1.40668 per Therm	\$0.00000 per Therm
June, 2009	\$1.40668 per Therm	\$0.00000 per Therm
July, 2009	\$1.40668 per Therm	\$0.00000 per Therm
August, 2009	\$1.40668 per Therm	\$0.00000 per Therm
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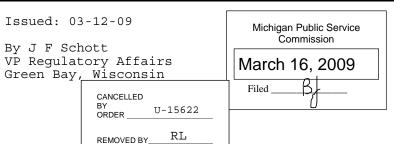
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Continued to Sheet No. D-6.00.

DATE __ 04-14-09



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

14th Rev. Sheet No. D-5.00 Replaces 13th Rev. Sheet No. D-5.00

<u> </u>	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.77336 per Therm
April, 2009	\$1.40668 per Therm	\$0.00000 per Therm
May, 2009	\$1.40668 per Therm	\$0.00000 per Therm
June, 2009	\$1.40668 per Therm	\$0.00000 per Therm
July, 2009	\$1.40668 per Therm	\$0.00000 per Therm
August, 2009	\$1.40668 per Therm	\$0.00000 per Therm
September, 2009	\$1.40668 per Therm	\$0.00000 per Therm
October, 2009	\$1.40668 per Therm	\$0.00000 per Therm

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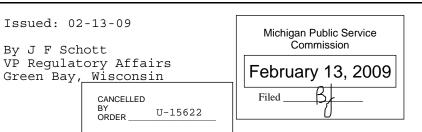
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Continued to Sheet No. D-6.00.

REMOVED BY

DATE ___ 03-16-09



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MPSC Vol No 5-GAS

\$13 th\$ Rev. Sheet No. D-5.00 Replaces 12th Rev. Sheet No. D-5.00

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$1.07192 per Therm
January, 2009	\$1.40668 per Therm	\$1.02542 per Therm
February, 2009	\$1.40668 per Therm	\$0.91699 per Therm
March, 2009	\$1.40668 per Therm	\$0.00000 per Therm
April, 2009	\$1.40668 per Therm	\$0.00000 per Therm
May, 2009	\$1.40668 per Therm	\$0.00000 per Therm
June, 2009	\$1.40668 per Therm	\$0.00000 per Therm
July, 2009	\$1.40668 per Therm	\$0.00000 per Therm
August, 2009	\$1.40668 per Therm	\$0.00000 per Therm
September, 2009	\$1.40668 per Therm	\$0.00000 per Therm
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Continued to Sheet No. D-6.00.

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DATE ____ 02-13-09

Issued: 01-14-09

By J F Schott

VP Regulatory Affairs

Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15622

Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MPSC Vol No 5-GAS

12th Rev. Sheet No. D-5.00 Replaces 11th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Bille \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Ther
December, 2008	\$1.40668 per Therm	\$1.07192 per Ther
January, 2009	\$1.40668 per Therm	\$1.02542 per Ther
February, 2009	\$1.40668 per Therm	\$0.00000 per Ther
March, 2009	\$1.40668 per Therm	\$0.00000 per Ther
April, 2009	\$1.40668 per Therm	\$0.00000 per Ther
May, 2009	\$1.40668 per Therm	\$0.00000 per Ther
June, 2009	\$1.40668 per Therm	\$0.00000 per Ther
July, 2009	\$1.40668 per Therm	\$0.00000 per Ther
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Continued to Sheet No. D-6.00.



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MICHIGAN

MPSC Vol No 5-GAS

11th Rev. Sheet No. D-5.00 Replaces 10th Rev. Sheet No. D-5.00

2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therr
December, 2008	\$1.40668 per Therm	\$1.07192 per Therr
January, 2009	\$1.40668 per Therm	\$0.00000 per Therr
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Continued to Sheet No. D-6.00.

Issued: 11-12-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

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Michigan Public Service Commission		
November 17, 2008		
Filed B		

Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MICHIGAN

MPSC Vol No 5-GAS

10th Rev. Sheet No. D-5.00 Replaces 9th Rev. Sheet No. D-5.00

Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2008	\$1.40668 per Therm	\$1.12493 per Therm
December, 2008	\$1.40668 per Therm	\$0.00000 per Therm
January, 2009	\$1.40668 per Therm	\$0.00000 per Therm
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	November, 2008 December, 2008 January, 2009 February, 2009 March, 2009 April, 2009 May, 2009 June, 2009 July, 2009 August, 2009 September, 2009	November, 2008 \$1.40668 per Therm December, 2008 \$1.40668 per Therm January, 2009 \$1.40668 per Therm February, 2009 \$1.40668 per Therm March, 2009 \$1.40668 per Therm April, 2009 \$1.40668 per Therm May, 2009 \$1.40668 per Therm June, 2009 \$1.40668 per Therm June, 2009 \$1.40668 per Therm July, 2009 \$1.40668 per Therm August, 2009 \$1.40668 per Therm September, 2009 \$1.40668 per Therm September, 2009 \$1.40668 per Therm

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Continued to Sheet No. D-6.00.

Issued: 10-10-08

By J F Schott VP Regulatory Affairs Green Bay, <u>Wisconsin</u>

CANCELLED
BY
ORDER U-15622

REMOVED BY RL
DATE 11-17-08



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MPSC Vol No 5-GAS

9th Rev. Sheet No. D-5.00 Replaces 8th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery I	actors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
April, 2008	\$0.85568 per Therm	\$0.85568 per Therm
May, 2008	\$1.04068 per Therm	\$0.96662 per Therm
June, 2008	\$1.04068 per Therm	\$1.04068 per Therm
July, 2008	\$1.04068 per Therm	\$1.04068 per Therm
August, 2008	\$1.15068 per Therm	\$1.15068 per Therm
September, 2008	\$1.15068 per Therm	\$1.15068 per Therm
October, 2008	\$1.15068 per Therm	\$1.15068 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 09-09-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

8th Rev. Sheet No. D-5.00 Replaces 7th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	actors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
April, 2008	\$0.85568 per Therm	\$0.85568 per Therm
May, 2008	\$1.04068 per Therm	\$0.96662 per Therm
June, 2008	\$1.04068 per Therm	\$1.04068 per Therm
July, 2008	\$1.04068 per Therm	\$1.04068 per Therm
August, 2008	\$1.15068 per Therm	\$1.15068 per Therm
September, 2008	\$1.15068 per Therm	\$1.15068 per Therm
October, 2008	\$1.15068 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

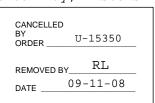
The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 08-11-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

R

D2. Gas Cost Recovery F	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
April, 2008	\$0.85568 per Therm	\$0.85568 per Therm
May, 2008	\$1.04068 per Therm	\$0.96662 per Therm
June, 2008	\$1.04068 per Therm	\$1.04068 per Therm
July, 2008	\$1.04068 per Therm	\$1.04068 per Therm
August, 2008	\$1.15068 per Therm	\$1.15068 per Therm
September, 2008	\$1.15068 per Therm	\$0.00000 per Therm
October, 2008	\$1.15068 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

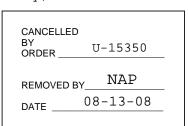
The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 07-11-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

R R

MPSC Vol No 5-GAS

6th Rev. Sheet No. D-5.00 Replaces 5th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery F	actors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
April, 2008	\$0.85568 per Therm	\$0.85568 per Therm
May, 2008	\$1.04068 per Therm	\$0.96662 per Therm
June, 2008	\$1.04068 per Therm	\$1.04068 per Therm
July, 2008	\$1.04068 per Therm	\$1.04068 per Therm
August, 2008	\$1.04068 per Therm	\$0.00000 per Therm
September, 2008	\$1.04068 per Therm	\$0.00000 per Therm
October, 2008	\$1.04068 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 06-13-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin



CANCELLED BY U-15350 ORDER _____

REMOVED BY NAP
DATE 07-15-08

Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

MPSC Vol No 5-GAS

5th Rev. Sheet No. D-5.00 Replaces 4th Rev. Sheet No. D-5.00

D2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
April, 2008	\$0.85568 per Therm	\$0.85568 per Therm
May, 2008	\$1.04068 per Therm	\$0.96662 per Therm
June, 2008	\$1.04068 per Therm	\$1.04068 per Therm
July, 2008	\$1.04068 per Therm	\$0.00000 per Therm
August, 2008	\$1.04068 per Therm	\$0.00000 per Therm
September, 2008	\$1.04068 per Therm	\$0.00000 per Therm
October, 2008	\$1.04068 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 05-15-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED BY ORDER	U-15350
REMOVED BY	RL
DATE	06-18-08



Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

MPSC Vol No 5-GAS

4th Rev. Sheet No. D-5.00 Replaces 3rd Rev. Sheet No. D-5.00

D	2. Gas Cost Recovery	Factors (Schedule GCRFM)	Natural Gas
	Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
		to 05550 ml	
	November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
	December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
	January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
	February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
	March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
	April, 2008	\$0.85568 per Therm	\$0.85568 per Therm
	May, 2008	\$1.04068 per Therm	\$0.96662 per Therm
	June, 2008	\$1.04068 per Therm	\$0.00000 per Therm
	July, 2008	\$1.04068 per Therm	\$0.00000 per Therm
	August, 2008	\$1.04068 per Therm	\$0.00000 per Therm
	September, 2008	\$1.04068 per Therm	\$0.00000 per Therm
	October, 2008	\$1.04068 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 04-11-08

By J F Schott VP Regulatory Affairs Green

n Bay, Wisconsin		
CANCELLED BY ORDER U-15350		
REMOVED BY NAP		
DATE 05-16-08		

Michigan Public Service Commission April 15, 2008

Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

MPSC Vol No 5-GAS

3rd Rev. Sheet No. D-5.00 Replaces 2nd Rev. Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
	** 0.55.50 ml	** ***********************************
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
February, 2008	\$0.85568 per Therm	\$0.68921 per Therm
March, 2008	\$0.85568 per Therm	\$0.84905 per Therm
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June, 2008	\$0.85568 per Therm	\$0.00000 per Therm
July, 2008	\$0.85568 per Therm	\$0.00000 per Therm
August, 2008	\$0.85568 per Therm	\$0.00000 per Therm
September, 2008	\$0.85568 per Therm	\$0.00000 per Therm
October, 2008	\$0.85568 per Therm	\$0.00000 per Therm

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 03-13-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin



CANCELLED
BY
ORDER
U-15350

REMOVED BY
DATE
04-15-08

Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

MPSC Vol No 5-GAS

. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm
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June, 2008	\$0.85568 per Therm	\$0.00000 per Therm
July, 2008	\$0.85568 per Therm	\$0.00000 per Therm
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The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to $\S6(h)(9)$ of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 02-15-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin



ORDER

DATE

REMOVED BY

U-15350

NAP

03-14-08

Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

MICHIGAN

MPSC Vol No 5-GAS

1st Rev. Sheet No. D-5.00 Replaces Original Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas		
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm		
N 1 0005	40.05550 FI	40.02002 FI		
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm		
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm		
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm		
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The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 02-01-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15350

REMOVED BY NAP
DATE 02-15-08



Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

R

MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-5.00

D2. Gas Cost Recovery Fa	ctors (Schedule GCRFM)	Natural Gas		
Billing Months	Maximum Authorized Factor \$/Therm	Actual Factor Billed \$/Therm		
November, 2007	\$0.85568 per Therm	\$0.83283 per Therm		
December, 2007	\$0.85568 per Therm	\$0.81886 per Therm		
January, 2008	\$0.85568 per Therm	\$0.70302 per Therm		
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April, 2008	\$0.85568 per Therm	\$0.00000 per Therm		
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June, 2008	\$0.85568 per Therm	\$0.00000 per Therm		
July, 2008	\$0.85568 per Therm	\$0.00000 per Therm		
August, 2008	\$0.85568 per Therm	\$0.00000 per Therm		
September, 2008	\$0.85568 per Therm	\$0.00000 per Therm		
October, 2008	\$0.85568 per Therm	\$0.00000 per Therm		

The company will file a revised Sheet No. D-5.00 monthly or as necessary to reflect the factor to be billed the following month.

These GCR Factors are subject to adjustment pursuant to the Contingent GCR Factors on Sheet Nos. D-6.00, D-7.00, and D-8.00.

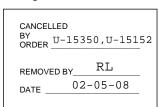
The adjusted GCR Factors per the Contingent GCR Factors are the maximum GCR Factors the Company may charge. The actual GCR Factor charged in any month may be less than the adjusted GCR Factor.

The Company will file by July 31, 2008 for maximum Gas Cost Recovery factors for November 2008 - October 2009. The Gas Cost Recovery Factor to be charged beginning November 2008 is authorized pursuant to §6(h)(9) of 1982 PA 304, as amended, MCL 460.6h et seq.

Continued to Sheet No. D-6.00.

Issued: 01-28-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 10-09-07 In Case No: U-15152

MICHIGAN

MPSC Vol No 5-GAS

15th Rev. Sheet No. D-6.00 Replaces 14th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17890, the 2015-16 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a monthly basis, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices. Commission mandated downward adjustments can reduce the monthly maximum GCR factor back down to base GCR factor, but will never cause the factor to go below original base factor that was requested in the plan filing, or that was approved by the Commission.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-17890 with notice of filing provided to all interveners.

<u>Definitions</u>:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2015 through October 2016 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 \mathbf{X}_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 10-08-15

By James Schubilske Vice President Green Bay, Wisconsin Commission

October 13, 2015

Filed DBR

Michigan Public Service

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. Of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

CANCELLED
BY
ORDER U-18018, U-18112

REMOVED BY DBR
DATE 10-12-16

R

R

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MICHIGAN

MPSC Vol No 5-GAS

R

14th Rev. Sheet No. D-6.00 Replaces 13th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17650, the 2014-15 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a monthly basis, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices. Commission mandated downward adjustments can reduce the monthly maximum GCR factor back down to base GCR factor, but will never cause the factor to go below original base factor that was requested in the plan filing, or that was approved by the Commission.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-17650 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2014 through October 2015 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 $X_{\mbox{\tiny plan}}$ = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 05-08-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17890

REMOVED BY DBR

DATE ____ 10-13-15

Michigan Public Service Commission

May 12, 2015

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. Of Mich Public Serv Comm Dated: 04-23-15

In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

R

13th Rev. Sheet No. D-6.00 Replaces 12th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17650, the 2014-15 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a monthly basis, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices. Commission mandated downward adjustments can reduce the monthly maximum GCR factor back down to base GCR factor, but will never cause the factor to go below original base factor that was requested in the plan filing, or that was approved by the Commission.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-17650 with notice of filing provided to all interveners.

<u>Definitions</u>:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2014 through October 2015 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 \mathbf{X}_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 10-09-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY U-17650, U-15152

REMOVED BY DBR
DATE 05-12-15

Michigan Public Service Commission

October 10, 2014

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MICHIGAN

MPSC Vol No 5-GAS

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12th Rev. Sheet No. D-6.00 Replaces 11th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17279, the 2013-14 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a monthly basis, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices. Commission mandated downward adjustments can reduce the monthly maximum GCR factor back down to base GCR factor, but will never cause the factor to go below original base factor that was requested in the plan filing, or that was approved by the Commission.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-17279 with notice of filing provided to all interveners.

<u>Definitions</u>:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2013 through October 2014 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 \mathbf{X}_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 12-12-13

By D M Derricks Assistant Vice President Green Bay, Wisconsin





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MICHIGAN

MPSC Vol No 5-GAS

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11th Rev. Sheet No. D-6.00 Replaces 10th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17279, the 2013-14 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a monthly basis, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices. Commission mandated downward adjustments can reduce the monthly maximum GCR factor back down to base GCR factor, but will never cause the factor to go below original base factor that was requested in the plan filing, or that was approved by the Commission.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-17279 with notice of filing provided to all interveners.

<u>Definitions</u>:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2013 through October 2014 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 \mathbf{X}_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 10-08-13

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279, U-15152
REMOVED BY RL
DATE 12-17-13



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MICHIGAN

MPSC Vol No 5-GAS

10th Rev. Sheet No. D-6.00 Replaces 9th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17060, the 2012-13 GCR factors listed on Sheet No. D-5.00 will be increased on a monthly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-16850 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2012 through October 2013 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{\text{plan}})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 $\mathbf{X}_{\text{plan}} = \text{the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.}$

Continued to Sheet No. D-7.00

Issued: 12-12-12 | BY ORDER U-17279,U-15152 | REMOVED BY RL DATE 10-09-13

By J F Schott

VP External Affairs
Green Bay, Wisconsin

Michigan Public Service
Commission

December 17, 2012

Filed

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MICHIGAN

MPSC Vol No 5-GAS

9th Rev. Sheet No. D-6.00 Replaces 8th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-17060, the 2012-13 GCR factors listed on Sheet No. D-5.00 will be increased on a monthly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-16850 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2012 through October 2013 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{\text{plan}})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 $\mathbf{X}_{\text{plan}} = \text{the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.}$

Continued to Sheet No. D-7.00

Issued: 10-11-12

By J F Schott

VP External Affairs

Green Bay, Wisconsin

Filed

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MICHIGAN

MPSC Vol No 5-GAS

8th Rev. Sheet No. D-6.00 Replaces 7th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-16850, the 2011-12 GCR factors listed on Sheet No. D-5.00 will be increased on a monthly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-16390 with notice of filing provided to all interveners.

Definitions:

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The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2011 through October 2012 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 \mathbf{X}_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 11-11-11

By J F Schott VP External Affairs Green Bay. Wisconsin

CANCELLED BY ORDER U-17060, U-15152 REMOVED BY RL DATE 10-15-12

Michigan Public Service Commission

November 15, 2011

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Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

7th Rev. Sheet No. D-6.00 Replaces 6th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-16850, the 2011-12 GCR factors listed on Sheet No. D-5.00 will be increased on a monthly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated in the GCR Plan docket U-16390 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2011 through October 2012 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X= the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 $\rm X_{\rm plan}$ = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 10-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16850, U-15152

REMOVED BY RL
DATE 11-15-11

Michigan Public Service
Commission

October 17, 2011

Filed LRS

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16850

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MICHIGAN

MPSC Vol No 5-GAS

6th Rev. Sheet No. D-6.00 Replaces 5th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-16390, the 2010-11 GCR factors listed on Sheet No. D-5.00 will be increased on a monthly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each month, the Company shall file with the Michigan Public Service Commission an updated tariff sheet, if NYMEX futures prices increase to a level allowing for the implementation of a higher contingent GCR price ceiling. The informational filing shall include the monthly five-day average and the dates used to calculate the new ceiling price. The filing shall be incorporated into the GCR Plan docket with notice of filing provided to all interveners.

Definitions:

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The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 are authorized for the November 2010 through October 2011 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for hedged gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

NYMEX Increase = $(X - X_{\text{plan}})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/MMbtu), for the 12 month period during which this plan case will be in effect. Once a month is no longer being traded, it does not need to be included, just the remaining months of the 12 month period still trading (averaged over first five trading days of the month prior to implementation).

 \mathbf{X}_{plan} = the 12 month NYMEX average, incorporated in the calculation of the base GCR factor.

Continued to Sheet No. D-7.00

Issued: 02-10-11

By J F Schott VP External Affairs Green Bay, Wisconsin

Michigan Public Service Commission

February 14, 2011

Filed MKS

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5th Rev. Sheet No. D-6.00 Replaces 4th Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-16390, the 2010-11 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a quarterly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each quarter, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet No. D-5.00 reflecting any increases or decrease to the GCR factor ceiling prices. The informational filing shall include all supporting documents necessary to verify the new price ceiling, including a copy of the calculation of the five-day average of the NYMEX prices for the remaining months in the GCR period, and a copy of the NYMEX futures price sheet for the first five trading days of the month, such sheets being an authoritative source used by the gas industry. The filing shall be incorporated in the GCR Plan docket U-16010 with notice of filing provided to all interveners.

<u>Definitions</u>:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 and D-8.00 are authorized for the November 2010 through October 2011 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for fixed price gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

FM-Flowing = Fractional Multiplier for flowing gas.

FM-Storage = Fractional Multiplier for storage gas.

FM-Fixed = Fractional Multiplier for fixed price gas.

NYMEX Increase = $(X - X_{\rm plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the remaining months of the GCR plan year, (averaged over the first five trading days of the month prior to implementation.) (Storage gas will use the actual NYMEX prices for the summer injection period. Fixed Price gas will use the contracted NYMEX strip.)

 $\rm X_{\rm plan}$ = the NYMEX average incorporated in the calculation of the base GCR factors, as delineated in the table on Sheet No. D-7.00 and D-8.00

Continued to Sheet No. D-7.00

Issued: 10-13-10

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
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MICHIGAN

MPSC Vol No 5-GAS

4th Rev. Sheet No. D-6.00 Replaces 3rd Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-16010, the 2009-10 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a quarterly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each quarter, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet No. D-5.00 reflecting any increases or decrease to the GCR factor ceiling prices. The informational filing shall include all supporting documents necessary to verify the new price ceiling, including a copy of the calculation of the five-day average of the NYMEX prices for the remaining months in the GCR period, and a copy of the NYMEX futures price sheet for the first five trading days of the month, such sheets being an authoritative source used by the gas industry. The filing shall be incorporated in the GCR Plan docket U-16010 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 and D-8.00 are authorized for the November 2009 through October 2010 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for fixed price gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

FM-Flowing = Fractional Multiplier for flowing gas.

FM-Storage = Fractional Multiplier for storage gas.

FM-Fixed = Fractional Multiplier for fixed price gas.

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the remaining months of the GCR plan year, (averaged over the first five trading days of the month prior to implementation.) (Storage gas will use the actual NYMEX prices for the summer injection period. Fixed Price gas will use the contracted NYMEX strip.)

 X_{plan} = the NYMEX average incorporated in the calculation of the base GCR factors, as delineated in the table on Sheet No. D-7.00 and D-8.00

Continued to Sheet No. D-7.00

Issued: 03-08-10

By J F Schott VP Regulatory Affairs Green Bay, <u>Wisconsin</u>

CANCELLED
BY
ORDER U-16390,U-15152

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DATE _____10-15-10



Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

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MICHIGAN

MPSC Vol No 5-GAS

3rd Rev. Sheet No. D-6.00 Replaces 2nd Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-15622, the 2008-09 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a quarterly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each quarter, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet No. D-5.00 reflecting any increases or decrease to the GCR factor ceiling prices. The informational filing shall include all supporting documents necessary to verify the new price ceiling, including a copy of the calculation of the five-day average of the NYMEX prices for the remaining months in the GCR period, and a copy of the NYMEX futures price sheet for the first five trading days of the month, such sheets being an authoritative source used by the gas industry. The filing shall be incorporated in the GCR Plan docket U-15622 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 and D-8.00 are authorized for the November 2008 through October 2009 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for fixed price gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

FM-Flowing = Fractional Multiplier for flowing gas.

FM-Storage = Fractional Multiplier for storage gas.

FM-Fixed = Fractional Multiplier for fixed price gas.

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the remaining months of the GCR plan year, (averaged over the first five trading days of the month prior to implementation.) (Storage gas will use the actual NYMEX prices for the summer injection period. Fixed Price gas will use the contracted NYMEX strip.)

 X_{plan} = the NYMEX average incorporated in the calculation of the base GCR factors, as delineated in the table on Sheet No. D-7.00 and D-8.00

Continued to Sheet No. D-7.00

Issued: 04-30-09

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

MICHIGAN

MPSC Vol No 5-GAS

2nd Rev. Sheet No. D-6.00 Replaces 1st Rev. Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-15622, the 2008-09 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a quarterly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each quarter, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet No. D-5.00 reflecting any increases or decrease to the GCR factor ceiling prices. The informational filing shall include all supporting documents necessary to verify the new price ceiling, including a copy of the calculation of the five-day average of the NYMEX prices for the remaining months in the GCR period, and a copy of the NYMEX futures price sheet for the first five trading days of the month, such sheets being an authoritative source used by the gas industry. The filing shall be incorporated in the GCR Plan docket U-15622 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 and D-8.00 are authorized for the November 2008 through October 2009 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for fixed price gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

FM-Flowing = Fractional Multiplier for flowing gas.

FM-Storage = Fractional Multiplier for storage gas.

FM-Fixed = Fractional Multiplier for fixed price gas.

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the remaining months of the GCR plan year, (averaged over the first five trading days of the month prior to implementation.) (Storage gas will use the actual NYMEX prices for the summer injection period. Fixed Price gas will use the contracted NYMEX strip.)

 X_{plan} = the NYMEX average incorporated in the calculation of the base GCR factors, as delineated in the table on Sheet No. D-7.00 and D-8.00

Continued to Sheet No. D-7.00

Issued: 10-10-08

By J F Schott VP Regulatory Affairs

Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15622, U-15152

REMOVED BY RL
DATE 05-07-09



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MICHIGAN

MPSC Vol No 5-GAS

1st Rev. Sheet No. D-6.00 Replaces Original Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-15350, the 2007-08 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a quarterly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each quarter, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet No. D-5.00 reflecting any increases or decrease to the GCR factor ceiling prices. The informational filing shall include all supporting documents necessary to verify the new price ceiling, including a copy of the calculation of the five-day average of the NYMEX prices for the remaining months in the GCR period, and a copy of the NYMEX futures price sheet for the first five trading days of the month, such sheets being an authoritative source used by the gas industry. The filing shall be incorporated in the GCR Plan docket U-15350 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 and D-8.00 are authorized for the November 2007 through October 2008 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for fixed price gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

FM-Flowing = Fractional Multiplier for flowing gas.

FM-Storage = Fractional Multiplier for storage gas.

FM-Fixed = Fractional Multiplier for fixed price gas.

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the remaining months of the GCR plan year, (averaged over the first five trading days of the month prior to implementation.) (Storage gas will use the actual NYMEX prices for the summer injection period. Fixed Price gas will use the contracted NYMEX strip.)

 $X_{\mbox{\tiny plan}}$ = the NYMEX average incorporated in the calculation of the base GCR factors, as delineated in the table on Sheet No. D-7.00 and D-8.00

Continued to Sheet No. D-7.00

Issued: 02-01-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin



Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-6.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-5.00.

CONTINGENT GAS COST RECOVERY ("GCR") FACTORS

Pursuant to the Commission's order approving the settlement in Case No. U-15350, the 2007-08 GCR factors listed on Sheet No. D-5.00 will be increased or decreased on a quarterly basis, for the remaining months of such GCR Plan year, contingent upon NYMEX futures prices for natural gas increasing to a level above that which was incorporated in the calculation of the Commission approved GCR factor ceiling prices.

At least fifteen days before the beginning of each quarter, the Company shall file with the Michigan Public Service Commission an updated tariff Sheet No. D-5.00 reflecting any increases or decrease to the GCR factor ceiling prices. The informational filing shall include all supporting documents necessary to verify the new price ceiling, including a copy of the calculation of the five-day average of the NYMEX prices for the remaining months in the GCR period, and a copy of the NYMEX futures price sheet for the first five trading days of the month, such sheets being an authoritative source used by the gas industry. The filing shall be incorporated in the GCR Plan docket U-15350 with notice of filing provided to all interveners.

Definitions:

The Contingent Gas Cost Recovery Factors shown in the table on Sheet No. D-7.00 and D-8.00 are authorized for the November 2007 through October 2008 GCR Plan period and include any changes due to flowing gas as well as known changes from the GCR plan for fixed price gas and storage gas. For purposes of determining the authorized Contingent Gas Cost Recovery Factors, the following relationships apply:

FM-Flowing = Fractional Multiplier for flowing gas.

FM-Storage = Fractional Multiplier for storage gas.

FM-Fixed = Fractional Multiplier for fixed price gas.

NYMEX Increase = $(X - X_{plan})$ (This equation is applicable to all sources of gas supply with some modifications for storage gas and fixed price gas.)

X = the simple average of the actual NYMEX monthly natural gas futures contract prices, (\$/Mmbtus), for the remaining months of the GCR period, (averaged over the first five trading days of the month prior to implementation.) (Storage gas will use the actual NYMEX prices for the summer injection period. Fixed Price gas will use the contracted NYMEX strip.)

 $X_{\mbox{\scriptsize plan}}$ = the NYMEX average incorporated in the calculation of the base GCR factors, as delineated in the table on Sheet No. D-7.00 and D-8.00

Continued to Sheet No. D-7.00

Issued: 01-28-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLEI BY ORDER U-	D -15350,U-15152
REMOVED	RL 02-05-08



Effective on and after the first billing cycle of the November 2007 billing month Issued Under Auth. of Mich Public Serv Comm Dated: 10-09-07 In Case No: U-15152

MPSC Vol No 5-GAS

 $$15 \rm{th}$$ Rev. Sheet No. D-7.00 Replaces 14th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd) Natural Gas

Continued from Sheet No. D-6.00

		Nov-Oct			Nov-Oct
Fractional Mult. F _m		0.0762	Fractional Mult. F _m		0.0762
Plan NYMEX (X _{plan})		\$3.093/Dth	Plan NYMEX (X _{plan})		\$3.093/Dth
Base GCR Fa	ctor	\$0.42095	Base GCR Factor		\$0.42095
NYMEX Incre		Incremental	NYMEX Incre		Incremental
Greater than		Contingent	Greater than		Contingent GCR
	But Less	GCR Factor		But Less	Factor
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1181
\$0.05	\$0.10	\$0.0038	\$1.60	\$1.65	\$0.1219
\$0.10	\$0.15	\$0.0076	\$1.65	\$1.70	\$0.1257
\$0.15	\$0.20	\$0.0114	\$1.70	\$1.75	\$0.1295
\$0.20	\$0.25	\$0.0152	\$1.75	\$1.80	\$0.1333
\$0.25	\$0.30	\$0.0190	\$1.80	\$1.85	\$0.1371
\$0.30	\$0.35	\$0.0229	\$1.85	\$1.90	\$0.1410
\$0.35	\$0.40	\$0.0267	\$1.90	\$1.95	\$0.1448
\$0.40	\$0.45	\$0.0305	\$1.95	\$2.00	\$0.1486
\$0.45	\$0.50	\$0.0343	\$2.00	\$2.05	\$0.1524
\$0.50	\$0.55	\$0.0381	\$2.05	\$2.10	\$0.1562
\$0.55	\$0.60	\$0.0419	\$2.10	\$2.15	\$0.1600
\$0.60	\$0.65	\$0.0457	\$2.15	\$2.20	\$0.1638
\$0.65	\$0.70	\$0.0495	\$2.20	\$2.25	\$0.1676
\$0.70	\$0.75	\$0.0533	\$2.25	\$2.30	\$0.1714
\$0.75	\$0.80	\$0.0571	\$2.30	\$2.35	\$0.1752
\$0.80	\$0.85	\$0.0610	\$2.35	\$2.40	\$0.1790
\$0.85	\$0.90	\$0.0648	\$2.40	\$2.45	\$0.1829
\$0.90	\$0.95	\$0.0686	\$2.45	\$2.50	\$0.1867
\$0.95	\$1.00	\$0.0724	\$2.50	\$2.55	\$0.1905
\$1.00	\$1.05	\$0.0762	\$2.55	\$2.60	\$0.1943
\$1.05	\$1.10	\$0.0800	\$2.60	\$2.65	\$0.1981
\$1.10	\$1.15	\$0.0838	\$2.65	\$2.70	\$0.2019
\$1.15	\$1.20	\$0.0876	\$2.70	\$2.75	\$0.2057
\$1.20	\$1.25	\$0.0914	\$2.75	\$2.80	\$0.2095
\$1.25	\$1.30	\$0.0952	\$2.80	\$2.85	\$0.2133
\$1.30	\$1.35	\$0.0990	\$2.85	\$2.90	\$0.2171
\$1.35	\$1.40	\$0.1029	\$2.90	\$2.95	\$0.2210
\$1.40	\$1.45	\$0.1029	\$2.95	\$3.00	\$0.2248
\$1.45	\$1.50	\$0.1007	\$3.00	above	\$0.2286
ψ1.43 Φ4.50	φ1.50 Φ4.55	\$0.1103	ψ5.00	above	Ψ0.2200

Issued: 10-08-15

\$1.50

By James Schubilske Vice President Green Bay, Wisconsin

> CANCELLED BY ORDER <u>U-18018, U-181</u>12

\$1.55

REMOVED BY _____ DBR ______ DATE _____ 10-12-16

Michigan Public Service Commission

\$0.1143

October 13, 2015

Filed DBR

Effective for bills rendered For the November 2015 -October 2016 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm

In Case No: U-17890

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R

R R

R

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R 14th Rev. Sheet No. D-7.00 Replaces 13th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-6.00

	110111 3116	Nov-Oct			Nov-Oct
Fractional Mult. F _m		0.0751	Fractional Mult. F _m		0.0751
Plan NYME		\$4.201/Dth	Plan NYME		\$4.201/Dth
Base GCF		\$0.72508	Base GCR Factor		\$0.72508
NYMEX Ir		Incremental	NYMEX In		Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1164
\$0.05	\$0.10	\$0.0038	\$1.60	\$1.65	\$0.1202
\$0.10	\$0.15	\$0.0075	\$1.65	\$1.70	\$0.1239
\$0.15	\$0.20	\$0.0113	\$1.70	\$1.75	\$0.1277
\$0.20	\$0.25	\$0.0150	\$1.75	\$1.80	\$0.1314
\$0.25	\$0.30	\$0.0188	\$1.80	\$1.85	\$0.1352
\$0.30	\$0.35	\$0.0225	\$1.85	\$1.90	\$0.1390
\$0.35	\$0.40	\$0.0263	\$1.90	\$1.95	\$0.1427
\$0.40	\$0.45	\$0.0300	\$1.95	\$2.00	\$0.1465
\$0.45	\$0.50	\$0.0338	\$2.00	\$2.05	\$0.1502
\$0.50	\$0.55	\$0.0376	\$2.05	\$2.10	\$0.1540
\$0.55	\$0.60	\$0.0413	\$2.10	\$2.15	\$0.1577
\$0.60	\$0.65	\$0.0451	\$2.15	\$2.20	\$0.1615
\$0.65	\$0.70	\$0.0488	\$2.20	\$2.25	\$0.1652
\$0.70	\$0.75	\$0.0526	\$2.25	\$2.30	\$0.1690
\$0.75	\$0.80	\$0.0563	\$2.30	\$2.35	\$0.1728
\$0.80	\$0.85	\$0.0601	\$2.35	\$2.40	\$0.1765
\$0.85	\$0.90	\$0.0638	\$2.40	\$2.45	\$0.1803
\$0.90	\$0.95	\$0.0676	\$2.45	\$2.50	\$0.1840
\$0.95	\$1.00	\$0.0714	\$2.50	\$2.55	\$0.1878
\$1.00	\$1.05	\$0.0751	\$2.55	\$2.60	\$0.1915
\$1.05	\$1.10	\$0.0789	\$2.60	\$2.65	\$0.1953
\$1.10	\$1.15	\$0.0826	\$2.65	\$2.70	\$0.1990
\$1.15	\$1.20	\$0.0864	\$2.70	\$2.75	\$0.2028
\$1.20	\$1.25	\$0.0901	\$2.75	\$2.80	\$0.2066
\$1.25	\$1.30	\$0.0939	\$2.80	\$2.85	\$0.2103
\$1.30	\$1.35	\$0.0976	\$2.85	\$2.90	\$0.2141
\$1.35	\$1.40	\$0.1014	\$2.90	\$2.95	\$0.2178
\$1.40	\$1.45	\$0.1052	\$2.95	\$3.00	\$0.2216
\$1.45	\$1.50	\$0.1089	\$3.00	above	\$0.2253
\$1.50	\$1.55	\$0.1127			

Issued: 05-08-15

By D M Derricks Assistant Vice President Green Bay, Wisconsin

> CANCELLED BY U-17890 ORDER_____

REMOVED BY ____ DBR _____ DATE _____ 10-13-15

Michigan Public Service Commission

May 12, 2015

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of

Mich Public Serv Comm Dated: 04-23-15

In Case No: U-17650

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R

13th Rev. Sheet No. D-7.00 Replaces 12th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-6.00)
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Concinued	TIOM BIIC				
		Nov-Oct			Nov-Oct
Fractional	Fractional Mult. F _m		Fractional Mult. F _m		0.0751
Plan NYME	EX (X _{plan})	\$4.201/Dth	Plan NYMEX (X _{plan})		\$4.201/Dth
Base GCF	R Factor	\$0.72508	Base GCR	Factor	\$0.72508
NYMEX Ir	ncrease	Incremental	NYMEX In	crease	Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1164
\$0.05	\$0.10	\$0.0038	\$1.60	\$1.65	\$0.1202
\$0.10	\$0.15	\$0.0075	\$1.65	\$1.70	\$0.1239
\$0.15	\$0.20	\$0.0113	\$1.70	\$1.75	\$0.1277
\$0.20	\$0.25	\$0.0150	\$1.75	\$1.80	\$0.1314
\$0.25	\$0.30	\$0.0188	\$1.80	\$1.85	\$0.1352
\$0.30	\$0.35	\$0.0225	\$1.85	\$1.90	\$0.1390
\$0.35	\$0.40	\$0.0263	\$1.90	\$1.95	\$0.1427
\$0.40	\$0.45	\$0.0300	\$1.95	\$2.00	\$0.1465
\$0.45	\$0.50	\$0.0338	\$2.00	\$2.05	\$0.1502
\$0.50	\$0.55	\$0.0376	\$2.05	\$2.10	\$0.1540
\$0.55	\$0.60	\$0.0413	\$2.10	\$2.15	\$0.1577
\$0.60	\$0.65	\$0.0451	\$2.15	\$2.20	\$0.1615
\$0.65	\$0.70	\$0.0488	\$2.20	\$2.25	\$0.1652
\$0.70	\$0.75	\$0.0526	\$2.25	\$2.30	\$0.1690
\$0.75	\$0.80	\$0.0563	\$2.30	\$2.35	\$0.1728
\$0.80	\$0.85	\$0.0601	\$2.35	\$2.40	\$0.1765
\$0.85	\$0.90	\$0.0638	\$2.40	\$2.45	\$0.1803
\$0.90	\$0.95	\$0.0676	\$2.45	\$2.50	\$0.1840
\$0.95	\$1.00	\$0.0714	\$2.50	\$2.55	\$0.1878
\$1.00	\$1.05	\$0.0751	\$2.55	\$2.60	\$0.1915
\$1.05	\$1.10	\$0.0789	\$2.60	\$2.65	\$0.1953
\$1.10	\$1.15	\$0.0826	\$2.65	\$2.70	\$0.1990
\$1.15	\$1.20	\$0.0864	\$2.70	\$2.75	\$0.2028
\$1.20	\$1.25	\$0.0901	\$2.75	\$2.80	\$0.2066
\$1.25	\$1.30	\$0.0939	\$2.80	\$2.85	\$0.2103
\$1.30	\$1.35	\$0.0976	\$2.85	\$2.90	\$0.2141
\$1.35	\$1.40	\$0.1014	\$2.90	\$2.95	\$0.2178
\$1.40	\$1.45	\$0.1052	\$2.95	\$3.00	\$0.2216
\$1.45	\$1.50	\$0.1089	\$3.00	above	\$0.2253
\$1.50	\$1.55	\$0.1127			

Issued: 10-09-14

By D M Derricks Assistant Vice President Green Bay, Wisconsin

> CANCELLED BY ORDER U-17650, U-15152

REMOVED BY _____ DBR _____ DATE _____ 05-12-15

Michigan Public Service Commission

October 10, 2014

Filed DBR

Effective for bills rendered For the November 2014 -October 2015 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17650

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R

12th Rev. Sheet No. D-7.00 Replaces 11th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued	from	Sheet	No.	D-6.00
Concinued	T T OIII	PITEEC	110.	D-0.00

		Nov-Oct			Nov-Oct
Fractional Mult. F _m		0.0669	Fractional	Mult. F _m	0.0669
Plan NYME	X (X _{plan})	\$3.922/Dth	Plan NYME	X (X _{plan})	\$3.922/Dth
Base GCF	Base GCR Factor		Base GCR	Factor	\$0.52020
NYMEX Ir	ncrease	Incremental	NYMEX In	crease	Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1037
\$0.05	\$0.10	\$0.0033	\$1.60	\$1.65	\$0.1070
\$0.10	\$0.15	\$0.0067	\$1.65	\$1.70	\$0.1104
\$0.15	\$0.20	\$0.0100	\$1.70	\$1.75	\$0.1137
\$0.20	\$0.25	\$0.0134	\$1.75	\$1.80	\$0.1171
\$0.25	\$0.30	\$0.0167	\$1.80	\$1.85	\$0.1204
\$0.30	\$0.35	\$0.0201	\$1.85	\$1.90	\$0.1238
\$0.35	\$0.40	\$0.0234	\$1.90	\$1.95	\$0.1271
\$0.40	\$0.45	\$0.0268	\$1.95	\$2.00	\$0.1305
\$0.45	\$0.50	\$0.0301	\$2.00	\$2.05	\$0.1338
\$0.50	\$0.55	\$0.0335	\$2.05	\$2.10	\$0.1371
\$0.55	\$0.60	\$0.0368	\$2.10	\$2.15	\$0.1405
\$0.60	\$0.65	\$0.0401	\$2.15	\$2.20	\$0.1438
\$0.65	\$0.70	\$0.0435	\$2.20	\$2.25	\$0.1472
\$0.70	\$0.75	\$0.0468	\$2.25	\$2.30	\$0.1505
\$0.75	\$0.80	\$0.0502	\$2.30	\$2.35	\$0.1539
\$0.80	\$0.85	\$0.0535	\$2.35	\$2.40	\$0.1572
\$0.85	\$0.90	\$0.0569	\$2.40	\$2.45	\$0.1606
\$0.90	\$0.95	\$0.0602	\$2.45	\$2.50	\$0.1639
\$0.95	\$1.00	\$0.0636	\$2.50	\$2.55	\$0.1673
\$1.00	\$1.05	\$0.0669	\$2.55	\$2.60	\$0.1706
\$1.05	\$1.10	\$0.0702	\$2.60	\$2.65	\$0.1739
\$1.10	\$1.15	\$0.0736	\$2.65	\$2.70	\$0.1773
\$1.15	\$1.20	\$0.0769	\$2.70	\$2.75	\$0.1806
\$1.20	\$1.25	\$0.0803	\$2.75	\$2.80	\$0.1840
\$1.25	\$1.30	\$0.0836	\$2.80	\$2.85	\$0.1873
\$1.30	\$1.35	\$0.0870	\$2.85	\$2.90	\$0.1907
\$1.35	\$1.40	\$0.0903	\$2.90	\$2.95	\$0.1940
\$1.40	\$1.45	\$0.0937	\$2.95	\$3.00	\$0.1974
\$1.45	\$1.50	\$0.0970	\$3.00	above	\$0.2007
\$1.50	\$1.55	\$0.1004			

Issued: 12-12-13

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY U-15152, U-17650

REMOVED BY DBR
DATE 10-10-14



Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13

In Case No: U-17279

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R 11th Rev. Sheet No. D-7.00 Replaces 10th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

		Nov-Oct			Nov-Oct
Fractional Mult. F _m		0.0669	Fractional	Mult. F _m	0.0669
Plan NYME	X (X _{plan})	\$3.922/Dth	Plan NYME	X (X _{plan})	\$3.922/Dth
Base GCF	RFactor	\$0.52020	Base GCR		\$0.52020
NYMEX Ir	ncrease	Incremental	NYMEX Increase		Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1037
\$0.05	\$0.10	\$0.0033	\$1.60	\$1.65	\$0.1070
\$0.10	\$0.15	\$0.0067	\$1.65	\$1.70	\$0.1104
\$0.15	\$0.20	\$0.0100	\$1.70	\$1.75	\$0.1137
\$0.20	\$0.25	\$0.0134	\$1.75	\$1.80	\$0.1171
\$0.25	\$0.30	\$0.0167	\$1.80	\$1.85	\$0.1204
\$0.30	\$0.35	\$0.0201	\$1.85	\$1.90	\$0.1238
\$0.35	\$0.40	\$0.0234	\$1.90	\$1.95	\$0.1271
\$0.40	\$0.45	\$0.0268	\$1.95	\$2.00	\$0.1305
\$0.45	\$0.50	\$0.0301	\$2.00	\$2.05	\$0.1338
\$0.50	\$0.55	\$0.0335	\$2.05	\$2.10	\$0.1371
\$0.55	\$0.60	\$0.0368	\$2.10	\$2.15	\$0.1405
\$0.60	\$0.65	\$0.0401	\$2.15	\$2.20	\$0.1438
\$0.65	\$0.70	\$0.0435	\$2.20	\$2.25	\$0.1472
\$0.70	\$0.75	\$0.0468	\$2.25	\$2.30	\$0.1505
\$0.75	\$0.80	\$0.0502	\$2.30	\$2.35	\$0.1539
\$0.80	\$0.85	\$0.0535	\$2.35	\$2.40	\$0.1572
\$0.85	\$0.90	\$0.0569	\$2.40	\$2.45	\$0.1606
\$0.90	\$0.95	\$0.0602	\$2.45	\$2.50	\$0.1639
\$0.95	\$1.00	\$0.0636	\$2.50	\$2.55	\$0.1673
\$1.00	\$1.05	\$0.0669	\$2.55	\$2.60	\$0.1706
\$1.05	\$1.10	\$0.0702	\$2.60	\$2.65	\$0.1739
\$1.10	\$1.15	\$0.0736	\$2.65	\$2.70	\$0.1773
\$1.15	\$1.20	\$0.0769	\$2.70	\$2.75	\$0.1806
\$1.20	\$1.25	\$0.0803	\$2.75	\$2.80	\$0.1840
\$1.25	\$1.30	\$0.0836	\$2.80	\$2.85	\$0.1873
\$1.30	\$1.35	\$0.0870	\$2.85	\$2.90	\$0.1907
\$1.35	\$1.40	\$0.0903	\$2.90	\$2.95	\$0.1940
\$1.40	\$1.45	\$0.0937	\$2.95	\$3.00	\$0.1974
\$1.45	\$1.50	\$0.0970	\$3.00	above	\$0.2007
\$1.50	\$1.55	\$0.1004			

Issued: 10-08-13

By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279, U-15152

REMOVED BY RL
DATE 12-17-13



Effective for bills rendered For the November 2013 -October 2014 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17279

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R

10th Rev. Sheet No. D-7.00 Replaces 9th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-6.00

		Nov-Oct			Nov-Oct
E	NA 14 F	0.0007	F	BA 1/ F	0.0007
Fractional		0.0667	Fractional		0.0667
Plan NYME		\$3.500/Dth	Plan NYME		\$3.500/Dth
Base GCF		\$0.45388	Base GCR		\$0.45388
NYMEX Ir		Incremental	NYMEX In		Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1034
\$0.05	\$0.10	\$0.0033	\$1.60	\$1.65	\$0.1067
\$0.10	\$0.15	\$0.0067	\$1.65	\$1.70	\$0.1101
\$0.15	\$0.20	\$0.0100	\$1.70	\$1.75	\$0.1134
\$0.20	\$0.25	\$0.0133	\$1.75	\$1.80	\$0.1167
\$0.25	\$0.30	\$0.0167	\$1.80	\$1.85	\$0.1201
\$0.30	\$0.35	\$0.0200	\$1.85	\$1.90	\$0.1234
\$0.35	\$0.40	\$0.0233	\$1.90	\$1.95	\$0.1267
\$0.40	\$0.45	\$0.0267	\$1.95	\$2.00	\$0.1301
\$0.45	\$0.50	\$0.0300	\$2.00	\$2.05	\$0.1334
\$0.50	\$0.55	\$0.0334	\$2.05	\$2.10	\$0.1367
\$0.55	\$0.60	\$0.0367	\$2.10	\$2.15	\$0.1401
\$0.60	\$0.65	\$0.0400	\$2.15	\$2.20	\$0.1434
\$0.65	\$0.70	\$0.0434	\$2.20	\$2.25	\$0.1467
\$0.70	\$0.75	\$0.0467	\$2.25	\$2.30	\$0.1501
\$0.75	\$0.80	\$0.0500	\$2.30	\$2.35	\$0.1534
\$0.80	\$0.85	\$0.0534	\$2.35	\$2.40	\$0.1567
\$0.85	\$0.90	\$0.0567	\$2.40	\$2.45	\$0.1601
\$0.90	\$0.95	\$0.0600	\$2.45	\$2.50	\$0.1634
\$0.95	\$1.00	\$0.0634	\$2.50	\$2.55	\$0.1668
\$1.00	\$1.05	\$0.0667	\$2.55	\$2.60	\$0.1701
\$1.05	\$1.10	\$0.0700	\$2.60	\$2.65	\$0.1734
\$1.10	\$1.15	\$0.0734	\$2.65	\$2.70	\$0.1768
\$1.15	\$1.20	\$0.0767	\$2.70	\$2.75	\$0.1801
\$1.20	\$1.25	\$0.0800	\$2.75	\$2.80	\$0.1834
\$1.25	\$1.30	\$0.0834	\$2.80	\$2.85	\$0.1868
\$1.30	\$1.35	\$0.0867	\$2.85	\$2.90	\$0.1901
\$1.35	\$1.40	\$0.0900	\$2.90	\$2.95	\$0.1934
\$1.40	\$1.45	\$0.0934	\$2.95	\$3.00	\$0.1968
\$1.45	\$1.50	\$0.0967	\$3.00	above	\$0.2001
\$1.50	\$1.55	\$0.1001			

Issued: 12-12-12

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279, U-15152

REMOVED BY RL
DATE 10-09-13

Michigan Public Service Commission

December 17, 2012

Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 11-16-12 In Case No: U-17060

MPSC Vol No 5-GAS

9th Rev. Sheet No. D-7.00 Replaces 8th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-6.00

		Nov-Oct			Nov-Oct
Fractional	Mult. F _m	0.0667	Fractional	Mult. F _m	0.0667
Plan NYME	EX (X _{plan})	\$3.500/Dth	Plan NYME	X (X _{plan})	\$3.500/Dth
Base GCF		\$0.45388	Base GCR		\$0.45388
NYMEX Ir	ncrease	Incremental	NYMEX In	crease	Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1034
\$0.05	\$0.10	\$0.0033	\$1.60	\$1.65	\$0.1067
\$0.10	\$0.15	\$0.0067	\$1.65	\$1.70	\$0.1101
\$0.15	\$0.20	\$0.0100	\$1.70	\$1.75	\$0.1134
\$0.20	\$0.25	\$0.0133	\$1.75	\$1.80	\$0.1167
\$0.25	\$0.30	\$0.0167	\$1.80	\$1.85	\$0.1201
\$0.30	\$0.35	\$0.0200	\$1.85	\$1.90	\$0.1234
\$0.35	\$0.40	\$0.0233	\$1.90	\$1.95	\$0.1267
\$0.40	\$0.45	\$0.0267	\$1.95	\$2.00	\$0.1301
\$0.45	\$0.50	\$0.0300	\$2.00	\$2.05	\$0.1334
\$0.50	\$0.55	\$0.0334	\$2.05	\$2.10	\$0.1367
\$0.55	\$0.60	\$0.0367	\$2.10	\$2.15	\$0.1401
\$0.60	\$0.65	\$0.0400	\$2.15	\$2.20	\$0.1434
\$0.65	\$0.70	\$0.0434	\$2.20	\$2.25	\$0.1467
\$0.70	\$0.75	\$0.0467	\$2.25	\$2.30	\$0.1501
\$0.75	\$0.80	\$0.0500	\$2.30	\$2.35	\$0.1534
\$0.80	\$0.85	\$0.0534	\$2.35	\$2.40	\$0.1567
\$0.85	\$0.90	\$0.0567	\$2.40	\$2.45	\$0.1601
\$0.90	\$0.95	\$0.0600	\$2.45	\$2.50	\$0.1634
\$0.95	\$1.00	\$0.0634	\$2.50	\$2.55	\$0.1668
\$1.00	\$1.05	\$0.0667	\$2.55	\$2.60	\$0.1701
\$1.05	\$1.10	\$0.0700	\$2.60	\$2.65	\$0.1734
\$1.10	\$1.15	\$0.0734	\$2.65	\$2.70	\$0.1768
\$1.15	\$1.20	\$0.0767	\$2.70	\$2.75	\$0.1801
\$1.20	\$1.25	\$0.0800	\$2.75	\$2.80	\$0.1834
\$1.25	\$1.30	\$0.0834	\$2.80	\$2.85	\$0.1868
\$1.30	\$1.35	\$0.0867	\$2.85	\$2.90	\$0.1901
\$1.35	\$1.40	\$0.0900	\$2.90	\$2.95	\$0.1934
\$1.40	\$1.45	\$0.0934	\$2.95	\$3.00	\$0.1968
\$1.45	\$1.50	\$0.0967	\$3.00	above	\$0.2001
\$1.50	\$1.55	\$0.1001			

Issued: 10-11-12

By J F Schott VP External Affairs Green Bay, <u>Wisconsin</u>

CANCELLED U-17060
BY ORDER U-16850, U-15152
REMOVED BY RL
DATE 12-17-12



Effective for bills rendered For the November 2012 -October 2013 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17060

R R R

R

R R R R R R R R R R R R R R R R R R R R R R R R R R

R R R

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R

8th Rev. Sheet No. D-7.00 Replaces 7th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued	from	Sheet	No.	D-6.00
Concinued	T T OIII	PITEEC	110.	D-0.00

		Nov-Oct			Nov-Oct
Fractional	Mult. F _m	0.0677	Fractional	Mult. F _m	0.0677
Plan NYM	EX (X _{plan})	\$4.676/Dth	Plan NYME	X (X _{plan})	\$4.676/Dth
Base GCF	R Factor	\$0.57102	Base GCR		\$0.57102
NYMEX In	ncrease	Incremental	NYMEX In	crease	Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1049
\$0.05	\$0.10	\$0.0034	\$1.60	\$1.65	\$0.1083
\$0.10	\$0.15	\$0.0068	\$1.65	\$1.70	\$0.1117
\$0.15	\$0.20	\$0.0102	\$1.70	\$1.75	\$0.1151
\$0.20	\$0.25	\$0.0135	\$1.75	\$1.80	\$0.1185
\$0.25	\$0.30	\$0.0169	\$1.80	\$1.85	\$0.1219
\$0.30	\$0.35	\$0.0203	\$1.85	\$1.90	\$0.1252
\$0.35	\$0.40	\$0.0237	\$1.90	\$1.95	\$0.1286
\$0.40	\$0.45	\$0.0271	\$1.95	\$2.00	\$0.1320
\$0.45	\$0.50	\$0.0305	\$2.00	\$2.05	\$0.1354
\$0.50	\$0.55	\$0.0339	\$2.05	\$2.10	\$0.1388
\$0.55	\$0.60	\$0.0372	\$2.10	\$2.15	\$0.1422
\$0.60	\$0.65	\$0.0406	\$2.15	\$2.20	\$0.1456
\$0.65	\$0.70	\$0.0440	\$2.20	\$2.25	\$0.1489
\$0.70	\$0.75	\$0.0474	\$2.25	\$2.30	\$0.1523
\$0.75	\$0.80	\$0.0508	\$2.30	\$2.35	\$0.1557
\$0.80	\$0.85	\$0.0542	\$2.35	\$2.40	\$0.1591
\$0.85	\$0.90	\$0.0575	\$2.40	\$2.45	\$0.1625
\$0.90	\$0.95	\$0.0609	\$2.45	\$2.50	\$0.1659
\$0.95	\$1.00	\$0.0643	\$2.50	\$2.55	\$0.1693
\$1.00	\$1.05	\$0.0677	\$2.55	\$2.60	\$0.1726
\$1.05	\$1.10	\$0.0711	\$2.60	\$2.65	\$0.1760
\$1.10	\$1.15	\$0.0745	\$2.65	\$2.70	\$0.1794
\$1.15	\$1.20	\$0.0779	\$2.70	\$2.75	\$0.1828
\$1.20	\$1.25	\$0.0812	\$2.75	\$2.80	\$0.1862
\$1.25	\$1.30	\$0.0846	\$2.80	\$2.85	\$0.1896
\$1.30	\$1.35	\$0.0880	\$2.85	\$2.90	\$0.1929
\$1.35	\$1.40	\$0.0914	\$2.90	\$2.95	\$0.1963
\$1.40	\$1.45	\$0.0948	\$2.95	\$3.00	\$0.1997
\$1.45	\$1.50	\$0.0982	\$3.00	above	\$0.2031
\$1.50	\$1.55	\$0.1016			

Issued: 11-11-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY U-17060, U-15152
REMOVED BY RL

DATE _____10-15-12

Michigan Public Service Commission

November 15, 2011

Filed <u>LRS</u>

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 11-10-11 In Case No: U-16850

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R

7th Rev. Sheet No. D-7.00 Replaces 6th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued	from	Sheet	No.	D-6.0	0

		Nov-Oct		1	Nov-Oct
Fractional	Mult. F _m	0.0677	Fractional	Mult. F _m	0.0677
Plan NYMI	EX (X _{plan})	\$4.676/Dth	Plan NYME	EX (X _{plan})	\$4.676/Dth
Base GCF	R Factor	\$0.57102	Base GCF		\$0.57102
NYMEX II	ncrease	Incremental	NYMEX In	rcrease	Incremental
Greater than	But Less	Contingent	Greater than	But Less	Contingent
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1049
\$0.05	\$0.10	\$0.0034	\$1.60	\$1.65	\$0.1083
\$0.10	\$0.15	\$0.0068	\$1.65	\$1.70	\$0.1117
\$0.15	\$0.20	\$0.0102	\$1.70	\$1.75	\$0.1151
\$0.20	\$0.25	\$0.0135	\$1.75	\$1.80	\$0.1185
\$0.25	\$0.30	\$0.0169	\$1.80	\$1.85	\$0.1219
\$0.30	\$0.35	\$0.0203	\$1.85	\$1.90	\$0.1252
\$0.35	\$0.40	\$0.0237	\$1.90	\$1.95	\$0.1286
\$0.40	\$0.45	\$0.0271	\$1.95	\$2.00	\$0.1320
\$0.45	\$0.50	\$0.0305	\$2.00	\$2.05	\$0.1354
\$0.50	\$0.55	\$0.0339	\$2.05	\$2.10	\$0.1388
\$0.55	\$0.60	\$0.0372	\$2.10	\$2.15	\$0.1422
\$0.60	\$0.65	\$0.0406	\$2.15	\$2.20	\$0.1456
\$0.65	\$0.70	\$0.0440	\$2.20	\$2.25	\$0.1489
\$0.70	\$0.75	\$0.0474	\$2.25	\$2.30	\$0.1523
\$0.75	\$0.80	\$0.0508	\$2.30	\$2.35	\$0.1557
\$0.80	\$0.85	\$0.0542	\$2.35	\$2.40	\$0.1591
\$0.85	\$0.90	\$0.0575	\$2.40	\$2.45	\$0.1625
\$0.90	\$0.95	\$0.0609	\$2.45	\$2.50	\$0.1659
\$0.95	\$1.00	\$0.0643	\$2.50	\$2.55	\$0.1693
\$1.00	\$1.05	\$0.0677	\$2.55	\$2.60	\$0.1726
\$1.05	\$1.10	\$0.0711	\$2.60	\$2.65	\$0.1760
\$1.10	\$1.15	\$0.0745	\$2.65	\$2.70	\$0.1794
\$1.15	\$1.20	\$0.0779	\$2.70	\$2.75	\$0.1828
\$1.20	\$1.25	\$0.0812	\$2.75	\$2.80	\$0.1862
\$1.25	\$1.30	\$0.0846	\$2.80	\$2.85	\$0.1896
\$1.30	\$1.35	\$0.0880	\$2.85	\$2.90	\$0.1929
\$1.35	\$1.40	\$0.0914	\$2.90	\$2.95	\$0.1963
\$1.40	\$1.45	\$0.0948	\$2.95	\$3.00	\$0.1997
\$1.45	\$1.50	\$0.0982	\$3.00	above	\$0.2031
\$1.50	\$1.55	\$0.1016			

Issued: 10-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED BY 0 ORDER 0

Michigan Public Service Commission

October 17, 2011

Filed LRS

Effective for bills rendered For the November 2011 -October 2012 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16850

MPSC Vol No 5-GAS

6th Rev. Sheet No. D-7.00 Replaces 5th Rev. Sheet No. D-7.00

D2. Gas Cost Recovery Factors (Schedule GCRFM) (Contd)

Natural Gas

Continued from Sheet No. D-6.00

Concinued	-	Nov-Oct			Nov-Oct
Fractional	Mult F	0.0677	Fractional	Mult F	0.0677
Plan NYME		\$5.251/Dth	Plan NYME		\$5.251/Dth
Base GCF	•	\$0.62041	Base GCR	•	\$0.62041
NYMEX In		Incremental Contingent GCR	NYMEX In		Incremental Contingent GCR
Greater than	But Less	Factor	Greater than	But Less	Factor
Or Equal to	than	\$/therm	Or Equal to	than	\$/therm
\$0.00	\$0.05	\$0.0000	\$1.55	\$1.60	\$0.1049
\$0.05	\$0.10	\$0.0034	\$1.60	\$1.65	\$0.1083
\$0.10	\$0.15	\$0.0068	\$1.65	\$1.70	\$0.1117
\$0.15	\$0.20	\$0.0102	\$1.70	\$1.75	\$0.1151
\$0.20	\$0.25	\$0.0135	\$1.75	\$1.80	\$0.1185
\$0.25	\$0.30	\$0.0169	\$1.80	\$1.85	\$0.1219
\$0.30	\$0.35	\$0.0203	\$1.85	\$1.90	\$0.1252
\$0.35	\$0.40	\$0.0237	\$1.90	\$1.95	\$0.1286
\$0.40	\$0.45	\$0.0271	\$1.95	\$2.00	\$0.1320
\$0.45	\$0.50	\$0.0305	\$2.00	\$2.05	\$0.1354
\$0.50	\$0.55	\$0.0339	\$2.05	\$2.10	\$0.1388
\$0.55	\$0.60	\$0.0372	\$2.10	\$2.15	\$0.1422
\$0.60	\$0.65	\$0.0406	\$2.15	\$2.20	\$0.1456
\$0.65	\$0.70	\$0.0440	\$2.20	\$2.25	\$0.1489
\$0.70	\$0.75	\$0.0474	\$2.25	\$2.30	\$0.1523
\$0.75	\$0.80	\$0.0508	\$2.30	\$2.35	\$0.1557
\$0.80	\$0.85	\$0.0542	\$2.35	\$2.40	\$0.1591
\$0.85	\$0.90	\$0.0575	\$2.40	\$2.45	\$0.1625
\$0.90	\$0.95	\$0.0609	\$2.45	\$2.50	\$0.1659
\$0.95	\$1.00	\$0.0643	\$2.50	\$2.55	\$0.1693
\$1.00	\$1.05	\$0.0677	\$2.55	\$2.60	\$0.1726
\$1.05	\$1.10	\$0.0711	\$2.60	\$2.65	\$0.1760
\$1.10	\$1.15	\$0.0745	\$2.65	\$2.70	\$0.1794
\$1.15	\$1.20	\$0.0779	\$2.70	\$2.75	\$0.1828
\$1.20	\$1.25	\$0.0812	\$2.75	\$2.80	\$0.1862
\$1.25	\$1.30	\$0.0846	\$2.80	\$2.85	\$0.1896
\$1.30	\$1.35	\$0.0880	\$2.85	\$2.90	\$0.1929
\$1.35	\$1.40	\$0.0914	\$2.90	\$2.95	\$0.1963
\$1.40	\$1.45	\$0.0948	\$2.95	\$3.00	\$0.1997
\$1.45	\$1.50	\$0.0982	\$3.00	above	\$0.2031
\$1.50	\$1.55	\$0.1016			

Issued: 02-10-11

By J F Schott VP External Affairs Green Bay, Wisconsin

> CANCELLED BY ORDER <u>U-16850</u>, <u>U-15152</u>

REMOVED BY RL DATE ____10-17-11 Michigan Public Service Commission

February 14, 2011

MKS

Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 02-08-11 In Case No: U-16390

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R

> R R

> > Filed ___

MPSC Vol No 5-GAS

5th Rev. Sheet No. D-7.00 Replaces 4th Rev. Sheet No. D-7.00

	D2. Gas C	Cost Reco	very Fact	ors (Sch	edule GCF	RFM) (Con	td)	Natur	al Gas	
-	Continued	l from Sh	eet No. D	-6.00						
				Nov-Jan			Feb-Apr		May-Jul	Aug-Oct
				1st Qtr			2nd Qtr		3rd Qtr	4th Qtr
	1		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowing
R	FM		0.071	0.029	0.000	0.078	0.022	0.000	0.100	0.100
R	(X _{olan})-(\$/MMBtu)	\$5.251	\$4.432	\$0.000	\$5.253	\$4.432	\$0.000	\$5.242	\$5.316
R	Base GCR Facto	or	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041
	NYMEX	Increase								
	Greater Than	But Less			Incre	emental Conti	ngent GCR Fa	actor		
	Or Equal To	Than					J			
	(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)
R	\$0.00	\$0.05	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
R	\$0.05	\$0.10	\$0.00355	\$0.00145	\$0.00000	\$0.00390	\$0.00110	\$0.00000	\$0.00500	\$0.00500
R	\$0.10	\$0.15	\$0.00710	\$0.00290	\$0.00000	\$0.00780	\$0.00220	\$0.00000	\$0.01000	\$0.01000
R	\$0.15	\$0.20	\$0.01065	\$0.00435	\$0.00000	\$0.01170	\$0.00330	\$0.00000	\$0.01500	\$0.01500
R	\$0.20	\$0.25	\$0.01420	\$0.00580	\$0.00000	\$0.01560	\$0.00440	\$0.00000	\$0.02000	\$0.02000
R	\$0.25	\$0.30	\$0.01775	\$0.00725	\$0.00000	\$0.01950	\$0.00550	\$0.00000		\$0.02500
R	\$0.30	\$0.35	\$0.02130	\$0.00870	\$0.00000	\$0.02340	\$0.00660	\$0.00000		\$0.03000
R	\$0.35	\$0.40	\$0.02485	\$0.01015	\$0.00000	\$0.02730	\$0.00770	\$0.00000	\$0.03500	\$0.03500
R	\$0.40	\$0.45	\$0.02840	\$0.01160	\$0.00000	\$0.03120	\$0.00880	\$0.00000	\$0.04000	\$0.04000
R	\$0.45	\$0.50	\$0.03195	\$0.01305	\$0.00000	\$0.03510	\$0.00990	\$0.00000	\$0.04500	\$0.04500
R	\$0.50	\$0.55	\$0.03550	\$0.01450	\$0.00000	\$0.03900	\$0.01100	\$0.00000	\$0.05000	\$0.05000
R	\$0.55	\$0.60	\$0.03905	\$0.01595	\$0.00000	\$0.04290	\$0.01210	\$0.00000	\$0.05500	\$0.05500
R	\$0.60	\$0.65	\$0.04260	\$0.01740	\$0.00000	\$0.04680		\$0.00000	\$0.06000	\$0.06000
R	\$0.65	\$0.70	\$0.04615	\$0.01885	\$0.00000	\$0.05070	\$0.01430	\$0.00000	\$0.06500	\$0.06500
R	\$0.70	\$0.75	\$0.04970	\$0.02030	\$0.00000	\$0.05460	\$0.01540	\$0.00000	\$0.07000	\$0.07000
R	\$0.75	\$0.80	\$0.05325	\$0.02175	\$0.00000	\$0.05850	\$0.01650	\$0.00000	\$0.07500	\$0.07500
R	\$0.80	\$0.85	\$0.05680	\$0.02320	\$0.00000	\$0.06240	\$0.01760	\$0.00000	\$0.08000	\$0.08000
R	\$0.85	\$0.90	\$0.06035	\$0.02465	\$0.00000	\$0.06630	\$0.01870	\$0.00000	\$0.08500	\$0.08500
R	\$0.90	\$0.95	\$0.06390	\$0.02610	\$0.00000	\$0.07020	\$0.01980	\$0.00000	\$0.09000	\$0.09000
R	\$0.95	\$1.00	\$0.06745	\$0.02755	\$0.00000	\$0.07410	\$0.02090	\$0.00000	\$0.09500	\$0.09500
R	\$1.00	\$1.05	\$0.07100	\$0.02900	\$0.00000	\$0.07800	\$0.02200	\$0.00000	\$0.10000	\$0.10000
R	\$1.05	\$1.10	\$0.07455	\$0.03045	\$0.00000	\$0.08190	\$0.02310	\$0.00000	\$0.10500	\$0.10500
R	\$1.10	\$1.15	\$0.07810	\$0.03190	\$0.00000	\$0.08580	\$0.02420	\$0.00000	\$0.11000	\$0.11000
R	\$1.15 \$1.20	\$1.20	\$0.08165	\$0.03335	\$0.00000			\$0.00000		
R	\$1.20	\$1.25	\$0.08520	\$0.03480	\$0.00000			\$0.00000		\$0.12000 \$0.12500
R	\$1.25 \$1.30	\$1.30 \$1.35	\$0.08875	\$0.03625	\$0.00000 \$0.00000			\$0.00000 \$0.00000		\$0.12500
R	\$1.35		\$0.09230 \$0.09585	\$0.03770						\$0.13000 \$0.13500
R	\$1.40	\$1.40 \$1.45		\$0.03915 \$0.04060	\$0.00000 \$0.00000			\$0.00000 \$0.00000		\$0.13500 \$0.14000
R	\$1.45	\$1.45 \$1.50	\$0.09940 \$0.10295	\$0.04060	\$0.00000			\$0.00000		
R		\$1.50	No. D-8.		φυ.υυωυ	\$0.11310	φυ.υ.ο190	φυ.υυυυ	φυ. 14300	\$0.14500
L	COLLETINE	CO DIICCL	110. 0 0.							

Issued: 10-13-10

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER _U-16390 , U-15152

REMOVED BY _____ MS
DATE _____ 02-14-11___



Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16390

MPSC Vol No 5-GAS

		very Fact		nedule GC	RFM) (Coi	ntd)	Natu 	ral Gas	
Continue	d from Sh	eet No. I	0-6.00						
			Nov-Jan			Feb-Apr		May-Jul	Aug-
			1st Qtr			2nd Qtr		3rd Qtr	4th
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flow
-M		0.073	0.027	0.000	0.079	0.021	0.000	0.100	0.1
X _{plan})-(\$/MMBtu		\$5.597	\$3.649	\$0.000	\$5.737	\$3.649	\$0.000	\$5.809	\$5.9
Base GCR Facto	r	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62
NYMEX	Increase	•				'			
Greater Than	But Less			Incre	emental Contir	ngent GCR Fa	actor		
Or Equal To	Than		·						
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Th
\$0.00	\$0.05	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.0
\$0.05	\$0.10	\$0.00365	\$0.00135	\$0.00000	\$0.00395	\$0.00105	\$0.00000	\$0.00500	\$0.0
\$0.10	\$0.15	\$0.00730	\$0.00270	\$0.00000	\$0.00790	\$0.00210	\$0.00000	\$0.01000	\$0.0
\$0.15	\$0.20	\$0.01095	\$0.00405	\$0.00000	\$0.01185	\$0.00315	\$0.00000	\$0.01500	\$0.0
\$0.20	\$0.25	\$0.01460	\$0.00540	\$0.00000	\$0.01580	\$0.00420	\$0.00000	\$0.02000	\$0.0
\$0.25	\$0.30	\$0.01825	\$0.00675	\$0.00000	\$0.01975	\$0.00525	\$0.00000	\$0.02500	\$0.0
\$0.30	\$0.35	\$0.02190	\$0.00810	\$0.00000	\$0.02370	\$0.00630	\$0.00000	\$0.03000	\$0.0
\$0.35	\$0.40	\$0.02555	\$0.00945	\$0.00000	\$0.02765	\$0.00735	\$0.00000	\$0.03500	\$0.0
\$0.40	\$0.45	\$0.02920	\$0.01080	\$0.00000	\$0.03160	\$0.00840	\$0.00000	\$0.04000	\$0.0
\$0.45	\$0.50	\$0.03285	\$0.01215	\$0.00000	\$0.03555	\$0.00945	\$0.00000	\$0.04500	\$0.0
\$0.50	\$0.55	\$0.03650	\$0.01350	\$0.00000	\$0.03950	\$0.01050	\$0.00000	\$0.05000	\$0.0
\$0.55	\$0.60	\$0.04015	\$0.01485	\$0.00000	\$0.04345	\$0.01155	\$0.00000	\$0.05500	\$0.0
\$0.60	\$0.65	\$0.04380	\$0.01620	\$0.00000	\$0.04740	\$0.01260	\$0.00000	\$0.06000	\$0.0
\$0.65	\$0.70	\$0.04745	\$0.01755	\$0.00000	\$0.05135	\$0.01365	\$0.00000	\$0.06500	\$0.0
\$0.70	\$0.75	\$0.05110	\$0.01890	\$0.00000	\$0.05530	\$0.01470	\$0.00000	\$0.07000	\$0.0
\$0.75	\$0.80	\$0.05475	\$0.02025	\$0.00000	\$0.05925	\$0.01575	\$0.00000	\$0.07500	\$0.0
\$0.80	\$0.85	\$0.05840	\$0.02160	\$0.00000	\$0.06320	\$0.01680	\$0.00000	\$0.08000	\$0.0
\$0.85	\$0.90	\$0.06205	\$0.02295	\$0.00000	\$0.06715	\$0.01785	\$0.00000	\$0.08500	\$0.0
\$0.90	\$0.95	\$0.06570	\$0.02430	\$0.00000	\$0.07110	\$0.01890	\$0.00000	\$0.09000	\$0.0
\$0.95	\$1.00	\$0.06935	\$0.02565	\$0.00000	\$0.07505	\$0.01995	\$0.00000	\$0.09500	\$0.0
\$1.00	\$1.05	\$0.07300	\$0.02700	\$0.00000	\$0.07900	\$0.02100	\$0.00000	\$0.10000	\$0.1
\$1.05	\$1.10	\$0.07665	\$0.02835	\$0.00000	\$0.08295	\$0.02205	\$0.00000	\$0.10500	\$0.1
\$1.10	\$1.15	\$0.08030	\$0.02970	\$0.00000	\$0.08690	\$0.02310	\$0.00000	\$0.11000	\$0.1
\$1.15	\$1.20	\$0.08395	\$0.03105	\$0.00000	\$0.09085	\$0.02415	\$0.00000	\$0.11500	\$0.1
\$1.20	\$1.25	\$0.08760	\$0.03240	\$0.00000	\$0.09480	\$0.02520	\$0.00000	\$0.12000	\$0.
\$1.25	\$1.30	\$0.09125	\$0.03375	\$0.00000	\$0.09875	\$0.02625	\$0.00000	\$0.12500	\$0.1
\$1.30	\$1.35	\$0.09490	\$0.03510	\$0.00000	\$0.10270	\$0.02730	\$0.00000	\$0.13000	\$0.
\$1.35	\$1.40	\$0.09855	\$0.03645	\$0.00000	\$0.10665	\$0.02835	\$0.00000	\$0.13500	\$0.1
\$1.40	\$1.45	\$0.10220	\$0.03780	\$0.00000	\$0.11060	\$0.02940	\$0.00000	\$0.14000	\$0.1
\$1.45	\$1.50	\$0.10585	\$0.03915	\$0.00000	\$0.11455	\$0.03045	\$0.00000	\$0.14500	\$0.1

Issued: 03-08-10

By J F Schott VP Regulatory Affairs Green <u>Bay</u>, Wisconsin

CANCELLED
BY
ORDER U-16390, U-15152

REMOVED BY
DATE 10-15-10



Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R 3rd Rev. Sheet No. D-7.00 Replaces 2nd Rev. Sheet No. D-7.00

ontinued	from Sh	eet No. I	0-6.00						
			Nov-Jan			Feb-Apr		May-Jul	Aug-0
			1st Qtr			2nd Qtr		3rd Qtr	4th C
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowi
M		0.045	0.027	0.027	0.064	0.016	0.020	0.100	0.10
X _{plan})-(\$/MMB	tu)	\$8.081	\$10.137	\$12.066	\$6.144	\$10.137	\$12.066	\$6.259	\$6.3
Base GCR Fa	ctor	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$0.92584	\$0.92
NYMEX	Increase								
Greater Than	But Less			Increm	ental Conti	ngent GCR	Factor		
Or Equal To	Than								
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/The
\$0.00	\$0.05	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00
\$0.05	\$0.10			\$0.00135	\$0.00320	\$0.00080	\$0.00100	\$0.00500	\$0.00
\$0.10	\$0.15	\$0.00450			\$0.00640			\$0.01000	\$0.01
\$0.15	\$0.20	\$0.00675	\$0.00405	\$0.00405	\$0.00960	\$0.00240	\$0.00300	\$0.01500	\$0.01
\$0.20	\$0.25	\$0.00900	\$0.00540	\$0.00540	\$0.01280	\$0.00320	\$0.00400	\$0.02000	\$0.02
\$0.25	\$0.30	\$0.01125	\$0.00675	\$0.00675	\$0.01600	\$0.00400	\$0.00500	\$0.02500	\$0.02
\$0.30	\$0.35	\$0.01350	\$0.00810	\$0.00810	\$0.01920	\$0.00480		\$0.03000	\$0.03
\$0.35	\$0.40	\$0.01575	\$0.00945	\$0.00945	\$0.02240	\$0.00560	\$0.00700	\$0.03500	\$0.03
\$0.40	\$0.45	\$0.01800	\$0.01080	\$0.01080	\$0.02560	\$0.00640	\$0.00800	\$0.04000	\$0.04
\$0.45	\$0.50	\$0.02025	\$0.01215	\$0.01215	\$0.02880	\$0.00720	\$0.00900	\$0.04500	\$0.04
\$0.50	\$0.55	\$0.02250	\$0.01350	\$0.01350	\$0.03200	\$0.00800	\$0.01000	\$0.05000	\$0.05
\$0.55	\$0.60	\$0.02475	\$0.01485	\$0.01485	\$0.03520	\$0.00880		\$0.05500	\$0.05
\$0.60	\$0.65	\$0.02700			\$0.03840	\$0.00960	\$0.01200	\$0.06000	\$0.06
\$0.65	\$0.70	\$0.02925	\$0.01755	\$0.01755	\$0.04160	\$0.01040	\$0.01300	\$0.06500	\$0.06
\$0.70	\$0.75	\$0.03150				\$0.01120		\$0.07000	\$0.07
\$0.75	\$0.80				\$0.04800			\$0.07500	
\$0.80	\$0.85		\$0.02160		\$0.05120			\$0.08000	
\$0.85	\$0.90							\$0.08500	
\$0.90	\$0.95	\$0.04050			\$0.05760		•	\$0.09000	\$0.09
\$0.95	\$1.00	\$0.04275			\$0.06080		•	\$0.09500	\$0.09
\$1.00	\$1.05	\$0.04500			\$0.06400	•			\$0.10
\$1.05	\$1.10	\$0.04725	\$0.02835		\$0.06720			\$0.10500	\$0.10
\$1.10	\$1.15	\$0.04950			\$0.07040	-		\$0.11000	\$0.11
\$1.15	\$1.20							\$0.11500	
\$1.20	\$1.25							\$0.12000	
\$1.25	\$1.30							\$0.12500	
\$1.30	\$1.35							\$0.13000	
\$1.35	\$1.40							\$0.13500	
\$1.40	\$1.45							\$0.14000	
\$1.45	\$1.50	\$0.06525	\$0.03915	\$0.03915	\$0.09280	\$0.02320	\$0.02900	\$0.14500	\$0.14

Issued: 04-30-09

By J F Schott VP Regulatory Affairs Green Bay, Wi<u>sconsin</u>

CANCELLED
BY
ORDER U-16010-15152

REMOVED BY RL
DATE 03-09-10



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09

In Case No: U-15622

MPSC Vol No 5-GAS

2nd Rev. Sheet No. D-7.00 Replaces 1st Rev. Sheet No. D-7.00

Jonethned	r TTOIII 211	eet No. D				Eob Ans	ı	Move had	۸۰.۰	
			Nov-Jan 1st Qtr			Feb-Apr 2nd Qtr		May-Jul 3rd Qtr	Aug- 4th	
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flow	
-N.4		0.045	0.027	0.027	0.064	0.016	0.020			
FM (X _{olan})-(\$/MMBtu	١	\$12.631	\$12.229	\$13.046	\$12.211	\$12.229	\$13.056	0.100 \$11.716	0.10 \$11.5	
A _{plan})-(\$/IVIIVIBLU Base GCR Facto		\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40	
	Increase	ψ1.40000	ψ1.πυυυυ	ψ1.+0000	ψ1. 1 0000	ψ1.40000	ψ1.+0000	ψ1. 1 0000	ψ1.40	
Greater Than	But Less			Incre	amontal Contin	nant CCP Er	actor			
Or Equal To	Than		Incremental Contingent GCR Factor							
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/The	
\$0.00	\$0.05	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.0	
\$0.05	\$0.00	\$0.00000	\$0.00035	\$0.00000	\$0.00000	\$0.00080	\$0.00000	\$0.00500	\$0.0	
\$0.10	\$0.15	\$0.00223	\$0.00133	\$0.00133	\$0.00640	\$0.00160	\$0.00200	\$0.00000	\$0.0	
\$0.15	\$0.20	\$0.00675	\$0.00276	\$0.00270	\$0.00960	\$0.00240	\$0.00300	\$0.01500	\$0.0	
\$0.20	\$0.25	\$0.00900	\$0.00540	\$0.00540	\$0.01280	\$0.00240	\$0.00400	\$0.02000	\$0.0	
\$0.25	\$0.30	\$0.01125	\$0.00675	\$0.00675	\$0.01600	\$0.00400	\$0.00500	\$0.02500	\$0.0	
\$0.30	\$0.35	\$0.01350	\$0.00810	\$0.00810	\$0.01920	\$0.00480	\$0.00600	\$0.03000	\$0.0	
\$0.35	\$0.40	\$0.01575	\$0.00945	\$0.00945	\$0.02240	\$0.00560	\$0.00700	\$0.03500	\$0.0	
\$0.40	\$0.45	\$0.01800	\$0.01080	\$0.01080	\$0.02560	\$0.00640	\$0.00800	\$0.04000	\$0.0	
\$0.45	\$0.50	\$0.02025	\$0.01215	\$0.01215	\$0.02880	\$0.00720	\$0.00900	\$0.04500	\$0.0	
\$0.50	\$0.55	\$0.02250	\$0.01350	\$0.01350	\$0.03200	\$0.00800	\$0.01000	\$0.05000	\$0.0	
\$0.55	\$0.60	\$0.02475	\$0.01485	\$0.01485	\$0.03520	\$0.00880	\$0.01100	\$0.05500	\$0.0	
\$0.60	\$0.65	\$0.02700	\$0.01620	\$0.01620	\$0.03840	\$0.00960	\$0.01200	\$0.06000	\$0.0	
\$0.65	\$0.70	\$0.02925	\$0.01755	\$0.01755	\$0.04160	\$0.01040	\$0.01300	\$0.06500	\$0.0	
\$0.70	\$0.75	\$0.03150	\$0.01890	\$0.01890	\$0.04480	\$0.01120	\$0.01400	\$0.07000	\$0.0	
\$0.75	\$0.80	\$0.03375	\$0.02025	\$0.02025	\$0.04800	\$0.01200	\$0.01500	\$0.07500	\$0.0	
\$0.80	\$0.85	\$0.03600	\$0.02160	\$0.02160	\$0.05120	\$0.01280	\$0.01600	\$0.08000	\$0.0	
\$0.85	\$0.90	\$0.03825	\$0.02295	\$0.02295	\$0.05440	\$0.01360	\$0.01700	\$0.08500	\$0.0	
\$0.90	\$0.95	\$0.04050	\$0.02430	\$0.02430	\$0.05760	\$0.01440	\$0.01800	\$0.09000	\$0.0	
\$0.95	\$1.00	\$0.04275	\$0.02565	\$0.02565	\$0.06080	\$0.01520	\$0.01900	\$0.09500	\$0.0	
\$1.00	\$1.05	\$0.04500	\$0.02700	\$0.02700	\$0.06400	\$0.01600	\$0.02000	\$0.10000	\$0.1	
\$1.05	\$1.10	\$0.04725	\$0.02835	\$0.02835	\$0.06720	\$0.01680	\$0.02100	\$0.10500	\$0.1	
\$1.10	\$1.15	\$0.04950	\$0.02970	\$0.02970	\$0.07040	\$0.01760	\$0.02200	\$0.11000	\$0.1	
\$1.15	\$1.20	\$0.05175	\$0.03105	\$0.03105		\$0.01840			\$0.1	
\$1.20	\$1.25	\$0.05400	\$0.03240	\$0.03240		\$0.01920		\$0.12000	\$0.1	
\$1.25	\$1.30	\$0.05625	\$0.03375	\$0.03375		\$0.02000		\$0.12500	\$0.1	
\$1.30	\$1.35	\$0.05850	\$0.03510	\$0.03510		\$0.02080	\$0.02600	\$0.13000	\$0.1	
\$1.35	\$1.40	\$0.06075	\$0.03645	\$0.03645	-	\$0.02160	\$0.02700	\$0.13500	\$0.1	
\$1.40	\$1.45	\$0.06300	\$0.03780	\$0.03780		\$0.02240		\$0.14000	\$0.1	
\$1.45	\$1.50	\$0.06525	\$0.03915	\$0.03915	\$0.09280	\$0.02320	\$0.02900	\$0.14500	\$0.1	

Issued: 10-10-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

> CANCELLED BY ORDER <u>U-15622,U-15152</u>

REMOVED BY RL
DATE 05-07-09



Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated:

In Case No: U-15622

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R

1st Rev. Sheet No. D-7.00 Replaces Original Sheet No. D-7.00

Continue	d from S	heet No.	D-6.00						
			Nov-Oct			Feb-Oct		May-Oct	Aug-C
			1st Qtr			2nd Qtr		3rd Qtr	4th C
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowin
FM		0.046	0.026	0.028	0.062	0.017	0.021	0.100	0.10
X _{plan} (\$/MMBtu)		\$8.124	\$7.111	\$8.924	\$8.065	\$7.111	\$8.924	\$7.908	\$8.03
Base GCR Facto	or	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.855
NYMEX	Increase			,	,		•		
Greater Than	But Less			Incre	mental Contir	ngent GCR Fa	actor		
Or Equal To	Than					J			
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Ther
\$0.00	\$0.05	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00
\$0.05	\$0.10	\$0.00230	\$0.00130	\$0.00140	\$0.00310	\$0.00085	\$0.00105	\$0.00500	\$0.00
\$0.10	\$0.15	\$0.00460	\$0.00260	\$0.00280	\$0.00620	\$0.00170	\$0.00210	\$0.01000	\$0.0
\$0.15	\$0.20	\$0.00690	\$0.00390	\$0.00420	\$0.00930	\$0.00255	\$0.00315	\$0.01500	\$0.0
\$0.20	\$0.25	\$0.00920	\$0.00520	\$0.00560	\$0.01240	\$0.00340	\$0.00420	\$0.02000	\$0.02
\$0.25	\$0.30	\$0.01150	\$0.00650	\$0.00700	\$0.01550	\$0.00425	\$0.00525	\$0.02500	\$0.02
\$0.30	\$0.35	\$0.01380	\$0.00780	\$0.00840	\$0.01860	\$0.00510	\$0.00630	\$0.03000	\$0.03
\$0.35	\$0.40	\$0.01610	\$0.00910	\$0.00980	\$0.02170	\$0.00595	\$0.00735	\$0.03500	\$0.03
\$0.40	\$0.45	\$0.01840	\$0.01040	\$0.01120	\$0.02480	\$0.00680	\$0.00840	\$0.04000	\$0.04
\$0.45	\$0.50	\$0.02070	\$0.01170	\$0.01260	\$0.02790	\$0.00765	\$0.00945	\$0.04500	\$0.04
\$0.50	\$0.55	\$0.02300	\$0.01300	\$0.01400	\$0.03100	\$0.00850	\$0.01050	\$0.05000	\$0.05
\$0.55	\$0.60	\$0.02530	\$0.01430	\$0.01540	\$0.03410	\$0.00935	\$0.01155	\$0.05500	\$0.05
\$0.60	\$0.65	\$0.02760	\$0.01560	\$0.01680	\$0.03720	\$0.01020	\$0.01260	\$0.06000	\$0.06
\$0.65	\$0.70	\$0.02990	\$0.01690	\$0.01820	\$0.04030	\$0.01105	\$0.01365	\$0.06500	\$0.06
\$0.70	\$0.75	\$0.03220	\$0.01820	\$0.01960	\$0.04340	\$0.01190	\$0.01470	\$0.07000	\$0.07
\$0.75	\$0.80	\$0.03450	\$0.01950	\$0.02100	\$0.04650	\$0.01275	\$0.01575	\$0.07500	\$0.07
\$0.80	\$0.85	\$0.03680	\$0.02080	\$0.02240	\$0.04960	\$0.01360	\$0.01680	\$0.08000	\$0.08
\$0.85	\$0.90	\$0.03910	\$0.02210	\$0.02380	\$0.05270	\$0.01445	\$0.01785	\$0.08500	\$0.08
\$0.90	\$0.95	\$0.04140	\$0.02340	\$0.02520	\$0.05580	\$0.01530	\$0.01890	\$0.09000	\$0.09
\$0.95	\$1.00	\$0.04370	\$0.02470	\$0.02660	\$0.05890	\$0.01615	\$0.01995	\$0.09500	\$0.09
\$1.00	\$1.05	\$0.04600	\$0.02600	\$0.02800	\$0.06200	\$0.01700	\$0.02100	\$0.10000	\$0.10
\$1.05	\$1.10	\$0.04830	\$0.02730	\$0.02940	\$0.06510	\$0.01785	\$0.02205	\$0.10500	\$0.10
\$1.10	\$1.15	\$0.05060	\$0.02860	\$0.03080	\$0.06820	\$0.01870	\$0.02310	\$0.11000	\$0.1
\$1.15	\$1.20	\$0.05290	\$0.02990	\$0.03220	\$0.07130	\$0.01955	\$0.02415	\$0.11500	\$0.1
\$1.20	\$1.25	\$0.05520	\$0.03120	\$0.03360	\$0.07440	\$0.02040	\$0.02520	\$0.12000	\$0.12
\$1.25	\$1.30	\$0.05750	\$0.03250	\$0.03500	\$0.07750	\$0.02125	\$0.02625	\$0.12500	\$0.12
\$1.30	\$1.35	\$0.05980	\$0.03380	\$0.03640	\$0.08060	\$0.02210	\$0.02730	\$0.13000	\$0.13
\$1.35	\$1.40	\$0.06210	\$0.03510	\$0.03780	\$0.08370	\$0.02295	\$0.02835	\$0.13500	\$0.13
\$1.40	\$1.45	\$0.06440	\$0.03640	\$0.03920	\$0.08680	\$0.02380	\$0.02940	\$0.14000	\$0.14
\$1.45	\$1.50	\$0.06670	\$0.03770	\$0.04060	\$0.08990	\$0.02465	\$0.03045	\$0.14500	\$0.14

Issued: 02-01-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15152, U-15662

REMOVED BY RL
DATE 10-17-08



Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 01-29-08 In Case No: U-15350

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ontinued	from She	et No.	D-6.00								
			Nov-Jan			Feb-Apr		May-Jul	Aug-Oc		
			1st Qtr			2nd Qtr		3rd Qtr	4th Qtr		
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowing		
FM		0.045	0.030	0.025	0.058	0.021	0.020	0.100	0.100		
(X _{plan})-(\$/MMBt	:u)	\$8.751	\$6.299	\$8.960	\$8.660	\$6.299	\$8.960	\$8.286	\$8.453		
Base GCR Fac	ctor	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.9096		
NYMEX Increase											
Greater Than But Less		Incremental Contingent GCR Factor									
Or Equal To	Than	and small commigent contractor									
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm		
\$0.00	\$0.05	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.0000		
\$0.05	\$0.10	\$0.00225	\$0.00150	\$0.00125	\$0.00290	\$0.00105	\$0.00100	\$0.00500	\$0.0050		
\$0.10	\$0.15	\$0.00450	\$0.00300	\$0.00250	\$0.00580	\$0.00210	\$0.00200	\$0.01000	\$0.0100		
\$0.15	\$0.20	\$0.00675	\$0.00450	\$0.00375	\$0.00870	\$0.00315	\$0.00300	\$0.01500	\$0.0150		
\$0.20	\$0.25	\$0.00900	\$0.00600	\$0.00500	\$0.01160	\$0.00420	\$0.00400	\$0.02000	\$0.0200		
\$0.25	\$0.30	\$0.01125	\$0.00750	\$0.00625	\$0.01450	\$0.00525	\$0.00500	\$0.02500	\$0.0250		
\$0.30	\$0.35	\$0.01350	\$0.00900	\$0.00750	\$0.01740	\$0.00630	\$0.00600	\$0.03000	\$0.0300		
\$0.35	\$0.40	\$0.01575	\$0.01050	\$0.00875	\$0.02030	\$0.00735	\$0.00700	\$0.03500	\$0.0350		
\$0.40	\$0.45	\$0.01800	\$0.01200	\$0.01000	\$0.02320	\$0.00840	\$0.00800	\$0.04000	\$0.0400		
\$0.45	\$0.50	\$0.02025	\$0.01350	\$0.01125	\$0.02610	\$0.00945	\$0.00900	\$0.04500	\$0.0450		
\$0.50	\$0.55	\$0.02250	\$0.01500	\$0.01250	\$0.02900	\$0.01050	\$0.01000	\$0.05000	\$0.0500		
\$0.55	\$0.60	\$0.02475	\$0.01650	\$0.01375	\$0.03190	\$0.01155	\$0.01100	\$0.05500	\$0.0550		
\$0.60	\$0.65	\$0.02700	\$0.01800	\$0.01500	\$0.03480	\$0.01260	\$0.01200	\$0.06000	\$0.0600		
\$0.65	\$0.70	\$0.02925	\$0.01950	\$0.01625	\$0.03770	\$0.01365	\$0.01300	\$0.06500	\$0.0650		
\$0.70	\$0.75	\$0.03150	\$0.02100	\$0.01750	\$0.04060	\$0.01470	\$0.01400	\$0.07000	\$0.0700		
\$0.75	\$0.80	\$0.03375	\$0.02250	\$0.01875	\$0.04350	\$0.01575	\$0.01500	\$0.07500	\$0.0750		
\$0.80	\$0.85	\$0.03600	\$0.02400	\$0.02000	\$0.04640	\$0.01680	\$0.01600	\$0.08000	\$0.0800		
\$0.85	\$0.90	\$0.03825	\$0.02550	\$0.02125	\$0.04930	\$0.01785	\$0.01700	\$0.08500	\$0.0850		
\$0.90	\$0.95	\$0.04050	\$0.02700	\$0.02250	\$0.05220	\$0.01890	\$0.01800	\$0.09000	\$0.0900		
\$0.95	\$1.00	\$0.04275	\$0.02850	\$0.02375	\$0.05510	\$0.01995	\$0.01900	\$0.09500	\$0.0950		
\$1.00	\$1.05	\$0.04500	\$0.03000	\$0.02500	\$0.05800	\$0.02100	\$0.02000	\$0.10000	\$0.1000		
\$1.05	\$1.10	\$0.04725	\$0.03150	\$0.02625	\$0.06090	\$0.02205	\$0.02100	\$0.10500	\$0.1050		
\$1.10	\$1.15	\$0.04950	\$0.03300	\$0.02750	\$0.06380	\$0.02310	\$0.02200	\$0.11000	\$0.1100		
\$1.15	\$1.20	\$0.05175	\$0.03450	\$0.02875	\$0.06670	\$0.02415	\$0.02300	\$0.11500	\$0.1150		
\$1.20	\$1.25	\$0.05400	\$0.03600	\$0.03000	\$0.06960	\$0.02520	\$0.02400	\$0.12000	\$0.1200		
\$1.25	\$1.30	\$0.05625	\$0.03750	\$0.03125	\$0.07250	\$0.02625	\$0.02500	\$0.12500	\$0.1250		
\$1.30	\$1.35	\$0.05850	\$0.03900	\$0.03250	\$0.07540	\$0.02730	\$0.02600	\$0.13000	\$0.1300		
\$1.35	\$1.40	\$0.06075	\$0.04050	\$0.03375	\$0.07830	\$0.02835	\$0.02700	\$0.13500	\$0.1350		
\$1.40	\$1.45	\$0.06300	\$0.04200	\$0.03500	\$0.08120	\$0.02940	\$0.02800	\$0.14000	\$0.1400		

Issued: 01-28-08
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15350, U-15152

REMOVED BY RL
DATE 02-05-08

Michigan Public Service Commission

January 29, 2008

Filed _____

Effective on and after the first billing cycle of the November 2006 billing month Issued Under Auth. of Mich Public Serv Comm Dated: 10-09-07

In Case No: U-15152

MPSC Vol No 5-GAS

5th Rev. Sheet No. D-8.00 Replaces 4th Rev. Sheet No. D-8.00

ontinuea	l from Sh	eet No. D	-7.00						
			Nov-Jan			Feb-Apr		May-Jul	Aug-(
		1st Qtr				2nd Qtr		3rd Qtr	4th Q
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flow
М		0.071	0.029	0.000	0.078	0.022	0.000	0.100	0.10
X _{plan})-(\$/MMBtu))	\$5.251	\$4.432	\$0.000	\$5.253	\$4.432	\$0.000	\$5.242	\$5.3
ase GCR Facto		\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62041	\$0.62
NYMEX	Increase								
Greater Than	But Less			Incre	emental Conti	ngent GCR Fa	actor		
Or Equal To	Than								
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/The
\$1.50	\$1.55	\$0.10650	\$0.04350	\$0.00000	\$0.11700	\$0.03300	\$0.00000	\$0.15000	\$0.1
\$1.55	\$1.60	\$0.11005	\$0.04495	\$0.00000	\$0.12090	\$0.03410	\$0.00000	\$0.15500	\$0.1
\$1.60	\$1.65	\$0.11360	\$0.04640	\$0.00000	\$0.12480	\$0.03520	\$0.00000	\$0.16000	\$0.1
\$1.65	\$1.70	\$0.11715	\$0.04785	\$0.00000	\$0.12870	\$0.03630	\$0.00000	\$0.16500	\$0.1
\$1.70	\$1.75	\$0.12070	\$0.04930	\$0.00000	\$0.13260	\$0.03740	\$0.00000	\$0.17000	\$0.1
\$1.75	\$1.80	\$0.12425	\$0.05075	\$0.00000	\$0.13650	\$0.03850	\$0.00000	\$0.17500	\$0.1
\$1.80	\$1.85	\$0.12780	\$0.05220	\$0.00000	\$0.14040	\$0.03960	\$0.00000	\$0.18000	\$0.1
\$1.85	\$1.90	\$0.13135	\$0.05365	\$0.00000	\$0.14430	\$0.04070	\$0.00000	\$0.18500	\$0.1
\$1.90	\$1.95	\$0.13490	\$0.05510	\$0.00000	\$0.14820	\$0.04180	\$0.00000	\$0.19000	\$0.1
\$1.95	\$2.00	\$0.13845	\$0.05655	\$0.00000	\$0.15210	\$0.04290	\$0.00000	\$0.19500	\$0.1
\$2.00	\$2.05	\$0.14200	\$0.05800	\$0.00000	\$0.15600	\$0.04400	\$0.00000	\$0.20000	\$0.2
\$2.05	\$2.10	\$0.14555	\$0.05945	\$0.00000	\$0.15990	\$0.04510	\$0.00000	\$0.20500	\$0.2
\$2.10	\$2.15	\$0.14910	\$0.06090	\$0.00000	\$0.16380	\$0.04620	\$0.00000	\$0.21000	\$0.2
\$2.15	\$2.20	\$0.15265	\$0.06235	\$0.00000	\$0.16770	\$0.04730	\$0.00000	\$0.21500	\$0.2
\$2.20	\$2.25	\$0.15620	\$0.06380	\$0.00000	\$0.17160	\$0.04840	\$0.00000	\$0.22000	\$0.2
\$2.25	\$2.30	\$0.15975	\$0.06525	\$0.00000	\$0.17550	\$0.04950	\$0.00000	\$0.22500	\$0.2
\$2.30	\$2.35	\$0.16330	\$0.06670	\$0.00000	\$0.17940	\$0.05060	\$0.00000	\$0.23000	\$0.2
\$2.35	\$2.40	\$0.16685	\$0.06815	\$0.00000	\$0.18330	\$0.05170	\$0.00000	\$0.23500	\$0.2
\$2.40	\$2.45	\$0.17040	\$0.06960	\$0.00000	\$0.18720	\$0.05280	\$0.00000	\$0.24000	\$0.2
\$2.45	\$2.50	\$0.17395	\$0.07105	\$0.00000	\$0.19110	\$0.05390	\$0.00000	\$0.24500	\$0.2
\$2.50	\$2.55	\$0.17750	\$0.07250	\$0.00000	\$0.19500	\$0.05500	\$0.00000	\$0.25000	\$0.2
\$2.55	\$2.60	\$0.18105	\$0.07395	\$0.00000	\$0.19890	\$0.05610	\$0.00000	\$0.25500	\$0.2
\$2.60	\$2.65	\$0.18460	\$0.07540	\$0.00000	\$0.20280	\$0.05720	\$0.00000	\$0.26000	\$0.2
\$2.65	\$2.70	\$0.18815	\$0.07685	\$0.00000	\$0.20670	\$0.05830	\$0.00000	\$0.26500	\$0.2
\$2.70	\$2.75	\$0.19170	\$0.07830	\$0.00000	\$0.21060	\$0.05940	\$0.00000	\$0.27000	\$0.2
\$2.75	\$2.80	\$0.19525	\$0.07975	\$0.00000	\$0.21450	\$0.06050	\$0.00000	\$0.27500	\$0.2
\$2.80	\$2.85	\$0.19880	\$0.08120	\$0.00000	\$0.21840	\$0.06160	\$0.00000	\$0.28000	\$0.2
\$2.85	\$2.90	\$0.20235	\$0.08265	\$0.00000	\$0.22230	\$0.06270	\$0.00000	\$0.28500	\$0.2
\$2.90	\$2.95	\$0.20590	\$0.08410	\$0.00000	\$0.22620	\$0.06380	\$0.00000	\$0.29000	\$0.2
\$2.95	\$3.00	\$0.20945	\$0.08555	\$0.00000		\$0.06490	\$0.00000	\$0.29500	\$0.2

Issued: 10-13-10

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16390, U-15152

REMOVED BY MS
DATE 02-14-11



Effective for bills rendered For the November 2010 -October 2011 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16390

MPSC Vol No 5-GAS

 $$\rm 4th\ Rev.\ Sheet\ No.\ D-8.00$$ Replaces 3rd Rev. Sheet No. D-8.00

Continued	l from Sh	eet No. D	-7.00						
			Nov-Jan			Feb-Apr		May-Jul	Aug-0
		1st Qtr			2nd Qtr			3rd Qtr	4th C
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowi
FM		0.073	0.027	0.000	0.079	0.021	0.000	0.100	0.10
(X _{plan})-(\$/MMBtu)		\$5.597	\$3.649	\$0.000	\$5.737	\$3.649	\$0.000	\$5.809	\$5.9
Base GCR Factor		\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62481	\$0.62
NYMEX	Increase					•			
Greater Than	But Less	Incremental Contingent GCR Factor							
Or Equal To	Than								
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/The
\$1.50	\$1.55	\$0.10950	\$0.04050	\$0.00000	\$0.11850	\$0.03150	\$0.00000	\$0.15000	\$0.1
\$1.55	\$1.60	\$0.11315	\$0.04185	\$0.00000	\$0.12245	\$0.03255	\$0.00000	\$0.15500	\$0.1
\$1.60	\$1.65	\$0.11680	\$0.04320	\$0.00000	\$0.12640	\$0.03360	\$0.00000	\$0.16000	\$0.1
\$1.65	\$1.70	\$0.12045	\$0.04455	\$0.00000	\$0.13035	\$0.03465	\$0.00000	\$0.16500	\$0.1
\$1.70	\$1.75	\$0.12410	\$0.04590	\$0.00000	\$0.13430	\$0.03570	\$0.00000	\$0.17000	\$0.1
\$1.75	\$1.80	\$0.12775	\$0.04725	\$0.00000	\$0.13825	\$0.03675	\$0.00000	\$0.17500	\$0.1
\$1.80	\$1.85	\$0.13140	\$0.04860	\$0.00000	\$0.14220	\$0.03780	\$0.00000	\$0.18000	\$0.1
\$1.85	\$1.90	\$0.13505	\$0.04995	\$0.00000	\$0.14615	\$0.03885	\$0.00000	\$0.18500	\$0.1
\$1.90	\$1.95	\$0.13870	\$0.05130	\$0.00000	\$0.15010	\$0.03990	\$0.00000	\$0.19000	\$0.1
\$1.95	\$2.00	\$0.14235	\$0.05265	\$0.00000	\$0.15405	\$0.04095	\$0.00000	\$0.19500	\$0.1
\$2.00	\$2.05	\$0.14600	\$0.05400	\$0.00000	\$0.15800	\$0.04200	\$0.00000	\$0.20000	\$0.2
\$2.05	\$2.10	\$0.14965	\$0.05535	\$0.00000	\$0.16195	\$0.04305	\$0.00000	\$0.20500	\$0.2
\$2.10	\$2.15	\$0.15330	\$0.05670	\$0.00000	\$0.16590	\$0.04410	\$0.00000	\$0.21000	\$0.2
\$2.15	\$2.20	\$0.15695	\$0.05805	\$0.00000	\$0.16985	\$0.04515	\$0.00000	\$0.21500	\$0.2
\$2.20	\$2.25	\$0.16060	\$0.05940	\$0.00000	\$0.17380	\$0.04620	\$0.00000	\$0.22000	\$0.2
\$2.25	\$2.30	\$0.16425	\$0.06075	\$0.00000	\$0.17775	\$0.04725	\$0.00000	\$0.22500	\$0.2
\$2.30	\$2.35	\$0.16790	\$0.06210	\$0.00000	\$0.18170	\$0.04830	\$0.00000	\$0.23000	\$0.2
\$2.35	\$2.40	\$0.17155	\$0.06345	\$0.00000	\$0.18565	\$0.04935	\$0.00000	\$0.23500	\$0.2
\$2.40	\$2.45	\$0.17520	\$0.06480	\$0.00000	\$0.18960	\$0.05040	\$0.00000	\$0.24000	\$0.2
\$2.45	\$2.50	\$0.17885	\$0.06615	\$0.00000	\$0.19355	\$0.05145	\$0.00000	\$0.24500	\$0.2
\$2.50	\$2.55	\$0.18250	\$0.06750	\$0.00000	\$0.19750	\$0.05250	\$0.00000	\$0.25000	\$0.2
\$2.55	\$2.60	\$0.18615	\$0.06885	\$0.00000	\$0.20145	\$0.05355	\$0.00000	\$0.25500	\$0.2
\$2.60	\$2.65	\$0.18980	\$0.07020	\$0.00000	\$0.20540	\$0.05460	\$0.00000	\$0.26000	\$0.2
\$2.65	\$2.70	\$0.19345	\$0.07155	\$0.00000	\$0.20935	\$0.05565	\$0.00000	\$0.26500	\$0.2
\$2.70	\$2.75	\$0.19710	\$0.07290	\$0.00000	\$0.21330	\$0.05670	\$0.00000	\$0.27000	\$0.2
\$2.75	\$2.80	\$0.20075	\$0.07425	\$0.00000	\$0.21725	\$0.05775	\$0.00000	\$0.27500	\$0.2
\$2.80	\$2.85	\$0.20440	\$0.07560	\$0.00000	\$0.22120	\$0.05880	\$0.00000	\$0.28000	\$0.2
\$2.85	\$2.90	\$0.20805	\$0.07695	\$0.00000	\$0.22515	\$0.05985	\$0.00000	\$0.28500	\$0.2
\$2.90	\$2.95	\$0.21170	\$0.07830	\$0.00000	\$0.22910	\$0.06090	\$0.00000	\$0.29000	\$0.2
\$2.95	\$3.00	\$0.21535	\$0.07965	\$0.00000	\$0.23305	\$0.06195	\$0.00000	\$0.29500	\$0.2

Issued: 03-08-10

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16390, U-15152

REMOVED BY RL
DATE 10-15-10



Effective for bills rendered For the November 2009 -October 2010 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 03-02-10 In Case No: U-16010

WISCONSIN PUBLIC SERVICE CORPORATION MIHIGAN

MPSC Vol No 5-GAS

R R R

R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R R 3rd Rev. Sheet No. D-8.00 Replaces 2nd Rev. Sheet No. D-8.00

D2. Gas Cost Recovery Factors (Contd) (Schedule GCRFM) Natural Gas									
Continued from Sheet No. D-7.00									
			Nov-Jan		Feb-Apr			May-Jul	Aug-Oct
.			1st Qtr			2nd Qtr		3rd Qtr	4th Qtr
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowing
FM		0.045	0.027	0.027	0.064	0.016	0.020	0.100	0.100
(X _{plan})-(\$/MMB		\$8.081	\$10.137	\$12.066	\$6.144	\$10.137	\$12.066	\$6.259	\$6.398
Base GCR Fa		\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$0.92584	\$0.92584
	Increase			la anana	1 O + i-	+)		
Greater Than Or Equal To	But Less Than			increm	ental Conti	ngent GCR	ractor		
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)
\$1.50	\$1.55	\$0.06750	\$0.04050	\$0.04050	\$0.09600	\$0.02400	\$0.03000	\$0.15000	\$0.15000
\$1.55	\$1.60	\$0.06975	\$0.04185		\$0.09920	\$0.02480		\$0.15500	
\$1.60	\$1.65		\$0.04320		\$0.10240				
\$1.65	\$1.70	•		•	\$0.10560	•		•	
\$1.70	\$1.75	\$0.07650			\$0.10880	-		\$0.17000	
\$1.75	\$1.80		\$0.04725		\$0.11200			•	
\$1.80	\$1.85	\$0.08100	•	-	\$0.11520		_		
\$1.85	\$1.90	\$0.08325		-		-			
\$1.90	\$1.95	\$0.08550	•	•	\$0.12160	-		\$0.19000	
\$1.95	\$2.00		\$0.05265	-	\$0.12480	-			
\$2.00	\$2.05				\$0.12800				
\$2.05	\$2.10	\$0.09225	-		\$0.13120				
\$2.10	\$2.15		\$0.05670	-	\$0.13440	-			
\$2.15	\$2.20	•		•	\$0.13760	•		•	
\$2.20	\$2.25	\$0.09900	-		\$0.14080	-			
\$2.25	\$2.30	\$0.10125	\$0.06075		-			\$0.22500	
\$2.30	\$2.35		\$0.06210	•	\$0.14720			\$0.23000	
\$2.35	\$2.40	\$0.10575				-			
\$2.40	\$2.45	\$0.10800	•		\$0.15360				
\$2.45	\$2.50	\$0.11025	\$0.06615			-		\$0.24500	
\$2.50	\$2.55	\$0.11250			\$0.16000	•		•	
\$2.55	\$2.60	•	_	-	\$0.16320				
\$2.60	\$2.65				\$0.16640				
\$2.65	\$2.70		•	•	\$0.16960				
\$2.70	\$2.75		_	-	\$0.17280				
\$2.75	\$2.80				\$0.17600				
\$2.80	\$2.85				\$0.17920				
\$2.85	\$2.90		_	-	\$0.18240		_		-
\$2.90	\$2.95				\$0.18560	-			
\$2.95	\$3.00				\$0.18880				
Ψ2.00	ψο.σο	ψ0. 10 <i>21</i> 0	Ψ0.07000	ψ0.01000	ψυ. 10000	ψυ.υπι Δυ	ψυ.υυυυ	ψυ.20000	ψυ.20000

Issued: 04-30-09

CANCELLED BY 0-16010-15152

REMOVED BY RL
DATE 03-09-10

By J F Schott

VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service Commission

May 7, 2009

Filed

Effective for bills rendered For the November 2008 -October 2009 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

MPSC Vol No 5-GAS

2nd Rev. Sheet No. D-8.00 Replaces 1st Rev. Sheet No. D-8.00

ontinued	l from Sh	eet No. D	-7.00						
			Nov-Jan			Feb-Apr		May-Jul	Aug-
			1st Qtr			2nd Qtr		3rd Qtr	4th (
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flow
M		0.045	0.027	0.027	0.064	0.016	0.020	0.100	0.10
X _{plan})-(\$/MMBtu))	\$12.631	\$12.229	\$13.046	\$12.211	\$12.229	\$13.056	\$11.716	\$11.8
Base GCR Facto		\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40668	\$1.40
NYMEX	Increase								
Greater Than	But Less			Incre	emental Conti	ngent GCR Fa	actor		
Or Equal To (\$/MMBtu)	Than (\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/The
\$1.50	\$1.55	\$0.06750	\$0.04050	\$0.04050	\$0.09600	\$0.02400	\$0.03000	\$0.15000	\$0.1
\$1.55	\$1.60	\$0.06975	\$0.04030	\$0.04000	\$0.09000	\$0.02480	\$0.03100	\$0.15500	\$0.1
\$1.60	\$1.65		\$0.04183	\$0.04180	\$0.10240	\$0.02560	\$0.03200	\$0.16000	\$0.1
		\$0.07200		-					_
\$1.65	\$1.70	\$0.07425	\$0.04455	\$0.04455	\$0.10560	\$0.02640	\$0.03300	\$0.16500	\$0.1
\$1.70	\$1.75	\$0.07650	\$0.04590	\$0.04590	\$0.10880	\$0.02720	\$0.03400	\$0.17000	\$0.1
\$1.75	\$1.80	\$0.07875	\$0.04725	\$0.04725	\$0.11200	\$0.02800	\$0.03500	\$0.17500	\$0.1
\$1.80	\$1.85	\$0.08100	\$0.04860	\$0.04860	\$0.11520	\$0.02880	\$0.03600	\$0.18000	\$0.1
\$1.85	\$1.90	\$0.08325	\$0.04995	\$0.04995	\$0.11840	\$0.02960	\$0.03700	\$0.18500	\$0.1
\$1.90	\$1.95	\$0.08550	\$0.05130	\$0.05130	\$0.12160	\$0.03040	\$0.03800	\$0.19000	\$0.1
\$1.95	\$2.00	\$0.08775	\$0.05265	\$0.05265	\$0.12480	\$0.03120	\$0.03900	\$0.19500	\$0.1
\$2.00	\$2.05	\$0.09000	\$0.05400	\$0.05400	\$0.12800	\$0.03200	\$0.04000	\$0.20000	\$0.2
\$2.05	\$2.10	\$0.09225	\$0.05535	\$0.05535	\$0.13120	\$0.03280	\$0.04100	\$0.20500	\$0.2
\$2.10	\$2.15	\$0.09450	\$0.05670	\$0.05670	\$0.13440	\$0.03360	\$0.04200	\$0.21000	\$0.2
\$2.15	\$2.20	\$0.09675	\$0.05805	\$0.05805	\$0.13760	\$0.03440	\$0.04300	\$0.21500	\$0.2
\$2.20	\$2.25	\$0.09900	\$0.05940	\$0.05940	\$0.14080	\$0.03520	\$0.04400	\$0.22000	\$0.2
\$2.25	\$2.30	\$0.10125	\$0.06075	\$0.06075	\$0.14400	\$0.03600	\$0.04500	\$0.22500	\$0.2
\$2.30	\$2.35	\$0.10350	\$0.06210	\$0.06210	\$0.14720	\$0.03680	\$0.04600	\$0.23000	\$0.2
\$2.35	\$2.40	\$0.10575	\$0.06345	\$0.06345	\$0.15040	\$0.03760	\$0.04700	\$0.23500	\$0.2
\$2.40	\$2.45	\$0.10800	\$0.06480	\$0.06480	\$0.15360	\$0.03840	\$0.04800	\$0.24000	\$0.2
\$2.45	\$2.50	\$0.11025	\$0.06615	\$0.06615	\$0.15680	\$0.03920	\$0.04900	\$0.24500	\$0.2
\$2.50	\$2.55	\$0.11250	\$0.06750	\$0.06750	\$0.16000	\$0.04000	\$0.05000	\$0.25000	\$0.2
\$2.55	\$2.60	\$0.11475	\$0.06885	\$0.06885	\$0.16320	\$0.04080	\$0.05100	\$0.25500	\$0.2
\$2.60	\$2.65	\$0.11700	\$0.07020	\$0.07020	\$0.16640	\$0.04160	\$0.05200	\$0.26000	\$0.2
\$2.65	\$2.70	\$0.11925	\$0.07155	\$0.07155	\$0.16960	\$0.04240	\$0.05300	\$0.26500	\$0.2
\$2.70	\$2.75	\$0.12150	\$0.07290	\$0.07290	\$0.17280	\$0.04320	\$0.05400	\$0.27000	\$0.2
\$2.75	\$2.80	\$0.12375	\$0.07425	\$0.07425	\$0.17600	\$0.04400	\$0.05500	\$0.27500	\$0.2
\$2.80	\$2.85	\$0.12600	\$0.07560	\$0.07560	\$0.17920	\$0.04480	\$0.05600	\$0.28000	\$0.2
\$2.85	\$2.90	\$0.12825	\$0.07695	\$0.07695	\$0.18240	\$0.04560	\$0.05700	\$0.28500	\$0.2
\$2.90	\$2.95	\$0.13050	\$0.07830	\$0.07830	\$0.18560	\$0.04640		\$0.29000	\$0.2
\$2.95	\$3.00	\$0.13275	\$0.07965	\$0.07965	\$0.18880	\$0.04720	\$0.05900	\$0.29500	\$0.2

Issued: 10-10-08

DATE _____05-07-09 By J F Schott

VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service Commission

For the November 2008 - October 2009 billing months. Issued Under Auth. of October 17, 2008 Mich Public Serv Comm

In Case No: U-15622

Effective for bills rendered

REMOVED BY____RL

Dated:

WISCONSIN PUBLIC SERVICE CORPORATION MIHIGAN

MPSC Vol No 5-GAS

1st Rev. Sheet No. D-8.00 Replaces Original Sheet No. D-8.00

D2. Gas Cost Recovery Factors (Contd) (Schedule GCRFM) Natural Gas									
Continue	Continued from Sheet No. D-7.00								
	Nov-Oct Feb-Oct						May-Oct	Aug-Oct	
_			1st Qtr			2nd Qtr		3rd Qtr	4th Qtr
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowing
FM		0.046	0.026	0.028	0.062	0.017	0.021	0.100	0.100
X _{plan} (\$/MMBtu)		\$8.124	\$7.111	\$8.924	\$8.065	\$7.111	\$8.924	\$7.908	\$8.030
Base GCR Facto	or	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568	\$0.85568
NYMEX	Increase								
Greater Than	But Less			Incre	mental Contir	ngent GCR Fa	actor		
Or Equal To	Than					•			
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)
\$1.50	\$1.55	\$0.06900	\$0.04200	\$0.03900	\$0.09300	\$0.03150	\$0.02550	\$0.15000	\$0.15000
\$1.55	\$1.60	\$0.07130	\$0.04340	\$0.04030	\$0.09610	\$0.03255	\$0.02635	\$0.15500	\$0.15500
\$1.60	\$1.65	\$0.07360	\$0.04480	\$0.04160	\$0.09920	\$0.03360	\$0.02720	\$0.16000	\$0.16000
\$1.65	\$1.70	\$0.07590	\$0.04620	\$0.04290	\$0.10230	\$0.03465	\$0.02805	\$0.16500	\$0.16500
\$1.70	\$1.75	\$0.07820	\$0.04760	\$0.04420	\$0.10540	\$0.03570	\$0.02890	\$0.17000	\$0.17000
\$1.75	\$1.80	\$0.08050	\$0.04900	\$0.04550	\$0.10850	\$0.03675	\$0.02975	\$0.17500	\$0.17500
\$1.80	\$1.85	\$0.08280	\$0.05040	\$0.04680	\$0.11160	\$0.03780	\$0.03060	\$0.18000	\$0.18000
\$1.85	\$1.90	\$0.08510	\$0.05180	\$0.04810	\$0.11470	\$0.03885	\$0.03145	\$0.18500	\$0.18500
\$1.90	\$1.95	\$0.08740	\$0.05320	\$0.04940	\$0.11780	\$0.03990	\$0.03230	\$0.19000	\$0.19000
\$1.95	\$2.00	\$0.08970	\$0.05460	\$0.05070	\$0.12090	\$0.04095	\$0.03315	\$0.19500	\$0.19500
\$2.00	\$2.05	\$0.09200	\$0.05600	\$0.05200	\$0.12400	\$0.04200	\$0.03400	\$0.20000	\$0.20000
\$2.05	\$2.10	\$0.09430	\$0.05740	\$0.05330	\$0.12710	\$0.04305	\$0.03485	\$0.20500	\$0.20500
\$2.10	\$2.15	\$0.09660	\$0.05880	\$0.05460	\$0.13020	\$0.04410	\$0.03570	\$0.21000	\$0.21000
\$2.15	\$2.20	\$0.09890	\$0.06020	\$0.05590	\$0.13330	\$0.04515	\$0.03655	\$0.21500	\$0.21500
\$2.20	\$2.25	\$0.10120	\$0.06160	\$0.05720	\$0.13640	\$0.04620	\$0.03740	\$0.22000	\$0.22000
\$2.25	\$2.30	\$0.10350	\$0.06300	\$0.05850	\$0.13950	\$0.04725	\$0.03825	\$0.22500	\$0.22500
\$2.30	\$2.35	\$0.10580	\$0.06440	\$0.05980	\$0.14260	\$0.04830	\$0.03910	\$0.23000	\$0.23000
\$2.35	\$2.40	\$0.10810	\$0.06580	\$0.06110	\$0.14570	\$0.04935	\$0.03995	\$0.23500	\$0.23500
\$2.40	\$2.45	\$0.11040	\$0.06720	\$0.06240	\$0.14880	\$0.05040	\$0.04080	\$0.24000	\$0.24000
\$2.45	\$2.50	\$0.11270	\$0.06860	\$0.06370	\$0.15190	\$0.05145	\$0.04165	\$0.24500	\$0.24500
\$2.50	\$2.55	\$0.11500	\$0.07000	\$0.06500	\$0.15500	\$0.05250	\$0.04250	\$0.25000	\$0.25000
\$2.55	\$2.60	\$0.11730	\$0.07140	\$0.06630	\$0.15810	\$0.05355	\$0.04335	\$0.25500	\$0.25500
\$2.60	\$2.65	\$0.11960	\$0.07280			\$0.05460	\$0.04420		\$0.26000
\$2.65	\$2.70	\$0.12190	\$0.07420		\$0.16430	\$0.05565	\$0.04505		\$0.26500
\$2.70	\$2.75	\$0.12420	\$0.07560		\$0.16740	\$0.05670	\$0.04590		\$0.27000
\$2.75	\$2.80	\$0.12650	\$0.07700	\$0.07150	\$0.17050	\$0.05775	\$0.04675	\$0.27500	\$0.27500
\$2.80	\$2.85	\$0.12880	\$0.07840	\$0.07280	\$0.17360	\$0.05880	\$0.04760	\$0.28000	\$0.28000
\$2.85	\$2.90	\$0.13110	\$0.07980	\$0.07410	\$0.17670	\$0.05985	\$0.04845	\$0.28500	\$0.28500
\$2.90	\$2.95	\$0.13340	\$0.08120	\$0.07540	\$0.17980	\$0.06090	\$0.04930		\$0.29000
\$2.95	\$3.00	\$0.13570	\$0.08260	\$0.07670	\$0.18290	\$0.06195	\$0.05015	\$0.29500	\$0.29500

Issued: 02-01-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER_U-15152,U-15662

REMOVED BY______RL
DATE_____10-17-08___

Michigan Public Service
Commission

February 5, 2008

Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm

Dated: 01-29-08 In Case No: U-15350

R

R

WISCONSIN PUBLIC SERVICE CORPORATION MIHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-8.00

ontinued	from She	et No. I	7.00						
			Nov-Jan			Feb-Apr		May-Jul	Aug-Oct
			1st Qtr			2nd Qtr		3rd Qtr	4th Qtr
		Flowing	Storage	Fixed	Flowing	Storage	Fixed	Flowing	Flowing
FM		0.045	0.030	0.025	0.058	0.021	0.020	0.100	0.100
(X _{plan})-(\$/MMBt	:u)	\$8.751	\$6.299	\$8.960	\$8.660	\$6.299	\$8.960	\$8.286	\$8.453
Base GCR Fac		\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967	\$0.90967
NYMEX Ir	ncrease								
Greater Than	But Less			Incre	mental Conti	ngent GCR F	actor		
Or Equal To	Than					Ü			
(\$/MMBtu)	(\$/MMBtu)	(\$/therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)	(\$/Therm)
\$1.50	\$1.55	\$0.06750	\$0.04500	\$0.03750	\$0.08700	\$0.03150	\$0.03000	\$0.15000	\$0.15000
\$1.55	\$1.60	\$0.06975	\$0.04650	\$0.03875	\$0.08990	\$0.03255	\$0.03100	\$0.15500	\$0.15500
\$1.60	\$1.65	\$0.07200	\$0.04800	\$0.04000	\$0.09280	\$0.03360	\$0.03200	\$0.16000	\$0.16000
\$1.65	\$1.70	\$0.07425	\$0.04950	\$0.04125	\$0.09570	\$0.03465	\$0.03300	\$0.16500	\$0.16500
\$1.70	\$1.75	\$0.07650	\$0.05100	\$0.04250	\$0.09860	\$0.03570	\$0.03400	\$0.17000	\$0.17000
\$1.75	\$1.80	\$0.07875	\$0.05250	\$0.04375	\$0.10150	\$0.03675	\$0.03500	\$0.17500	\$0.17500
\$1.80	\$1.85	\$0.08100	\$0.05400	\$0.04500	\$0.10440	\$0.03780	\$0.03600	\$0.18000	\$0.18000
\$1.85	\$1.90	\$0.08325	\$0.05550	\$0.04625	\$0.10730	\$0.03885	\$0.03700	\$0.18500	\$0.18500
\$1.90	\$1.95	\$0.08550	\$0.05700	\$0.04750	\$0.11020	\$0.03990	\$0.03800	\$0.19000	\$0.19000
\$1.95	\$2.00	\$0.08775	\$0.05850	\$0.04875	\$0.11310	\$0.04095	\$0.03900	\$0.19500	\$0.19500
\$2.00	\$2.05	\$0.09000	\$0.06000	\$0.05000	\$0.11600	\$0.04200	\$0.04000	\$0.20000	\$0.20000
\$2.05	\$2.10	\$0.09225	\$0.06150	\$0.05125	\$0.11890	\$0.04305	\$0.04100	\$0.20500	\$0.20500
\$2.10	\$2.15	\$0.09450	\$0.06300	\$0.05250	\$0.12180	\$0.04410	\$0.04200	\$0.21000	\$0.21000
\$2.15	\$2.20	\$0.09675	\$0.06450	\$0.05375	\$0.12470	\$0.04515	\$0.04300	\$0.21500	\$0.21500
\$2.20	\$2.25	\$0.09900	\$0.06600	\$0.05500	\$0.12760	\$0.04620	\$0.04400	\$0.22000	\$0.22000
\$2.25	\$2.30	\$0.10125	\$0.06750	\$0.05625	\$0.13050	\$0.04725	\$0.04500	\$0.22500	\$0.22500
\$2.30	\$2.35	\$0.10350	\$0.06900	\$0.05750	\$0.13340	\$0.04830	\$0.04600	\$0.23000	\$0.23000
\$2.35	\$2.40	\$0.10575	\$0.07050	\$0.05875	\$0.13630	\$0.04935	\$0.04700	\$0.23500	\$0.23500
\$2.40	\$2.45	\$0.10800	\$0.07200	\$0.06000	\$0.13920	\$0.05040	\$0.04800	\$0.24000	\$0.24000
\$2.45	\$2.50	\$0.11025	\$0.07350	\$0.06125	\$0.14210	\$0.05145	\$0.04900	\$0.24500	\$0.24500
\$2.50	\$2.55	\$0.11250	\$0.07500	\$0.06250	\$0.14500	\$0.05250	\$0.05000	\$0.25000	\$0.25000
\$2.55	\$2.60	\$0.11475	\$0.07650	\$0.06375	\$0.14790	\$0.05355	\$0.05100	\$0.25500	\$0.25500
\$2.60	\$2.65	\$0.11700	\$0.07800	\$0.06500	\$0.15080	\$0.05460	\$0.05200	\$0.26000	\$0.26000
\$2.65	\$2.70	\$0.11925	\$0.07950	\$0.06625	\$0.15370	\$0.05565	\$0.05300	\$0.26500	\$0.26500
\$2.70	\$2.75	\$0.12150	\$0.08100	\$0.06750	\$0.15660	\$0.05670	\$0.05400	\$0.27000	\$0.27000
\$2.75	\$2.80	\$0.12375	\$0.08250	\$0.06875	\$0.15950	\$0.05775	\$0.05500	\$0.27500	\$0.27500
\$2.80	\$2.85	\$0.12600	\$0.08400	\$0.07000	\$0.16240	\$0.05880	\$0.05600	\$0.28000	\$0.28000
\$2.85	\$2.90	\$0.12825	\$0.08550	\$0.07125	\$0.16530	\$0.05985	\$0.05700	\$0.28500	\$0.28500
\$2.90	\$2.95	\$0.13050	\$0.08700	\$0.07250	\$0.16820	\$0.06090	\$0.05800	\$0.29000	\$0.29000

Issued: 01-28-08
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15350, U-15152

REMOVED BY RL
DATE 02-05-08



Effective on and after the first billing cycle of the November 2006 billing month Issued Under Auth. of Mich Public Serv Comm Dated: 10-09-07 In Case No: U-15152

MICHIGAN

MPSC Vol No 5-GAS

9th Rev. Sheet No. D-8.01 Replaces 8th Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- Each Rate Schedule may be subject to Rule C3, Customer Attachment Program. 1.
- Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0166/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0823 \$0.1646 \$1.5851	Per Month/meter \$2.50 \$5.00 \$48.21
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.4953 \$9.6139	 \$15.07 \$292.42

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 12-08-15 By D M Derricks

Dir. - Regulatory Affairs

Green Bay, Wisconsin

CANCELLED BY ORDER U-18018,U-15152 REMOVED BY RL DATE 08-24-16



MPSC Vol No 5-GAS

8th Rev. Sheet No. D-8.01 Replaces 7th Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

SUPPLEMENTAL CHARGES D3.

Customer Class

R

R

- Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization (EO) Surcharge - This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

EO Surcharge

The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	\$0.0137/Therm	
R R R	<pre>C & I Small-year round customers C & I Small-seasonal customers C & I Large</pre>	Per Day/meter \$0.0798 \$0.1596 \$0.9992	Per Month/meter \$2.43 \$4.86 \$30.39

Transportation Medium* Transportation Large \$0.7806 \$23.74 Transportation Super Large \$8.3339 \$253.49

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 07-29-15 By D M Derricks

Dir. - Regulatory Affairs

Green Bay, Wisconsin

CANCELLED U-17890 BY U-17776,U-15152 REMOVED BY RL DATE 12-08-15



Effective for Service On and After: 08-01-15 Issued Under Auth. of Mich Public Serv Comm Dated: 06-30-15

In Case No: U-17836

MICHIGAN

MPSC Vol No 5-GAS

7th Rev. Sheet No. D-8.01 Replaces 6th Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0133/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0557 \$0.1114 \$0.9932	Per Month/meter \$1.69 \$3.38 \$30.21
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.8267 \$12.5606	 \$25.15 \$382.05

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 09-19-14
By D M Derricks
Asst Vice President
Green Bay, Wisconsin





MICHIGAN

MPSC Vol No 5-GAS

6th Rev. Sheet No. D-8.01 Replaces 5th Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

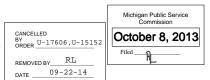
The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0112/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0663 \$0.1326 \$0.9959	Per Month/meter \$2.02 \$4.04 \$30.29
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.9284 \$5.7911	 \$28.24 \$176.15

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 10-07-13 By D M Derricks Asst Vice President Green Bay, Wisconsin



MICHIGAN

MPSC Vol No 5-GAS

5th Rev. Sheet No. D-8.01 Replaces 4th Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

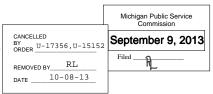
The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0151/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0651 \$0.1302 \$1.1851	Per Month/meter \$1.98 \$3.96 \$36.05
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.4698 \$8.0953	 \$14.29 \$246.23

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 09-05-13 By D M Derricks Asst Vice President Green Bay, Wisconsin



MICHIGAN

MPSC Vol No 5-GAS

4th Rev. Sheet No. D-8.01 Replaces 3rd Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0134/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0677 \$0.1354 \$1.2110	Per Month/meter \$2.06 \$4.12 \$36.83
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.5329 \$13.2268	 \$16.21 \$402.32

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 09-13-12
By J F Schott
Vice President
Green Bay, Wisconsin

 $\begin{array}{c} \text{CANCELLED} \\ \text{BY} \\ \text{ORDER} \\ \underline{\text{U-17293}}, \text{U-15152} \\ \\ \text{REMOVED BY} \\ \underline{\text{RL}} \\ \\ \text{DATE} \\ \underline{\text{09-09-13}} \\ \end{array}$

Michigan Public Service
Commission

September 19, 2012

Effective for Service On and After: 09-01-12 Issued Under Auth. of Mich Public Serv Comm Dated: 08-28-12

In Case No: U-16742

MPSC Vol No 5-GAS

3rd Rev. Sheet No. D-8.01 Replaces 2nd Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0137/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0720 \$0.1440 \$0.9943	Per Month/meter \$2.19 \$4.38 \$30.24
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.6234 \$14.7796	 \$18.96 \$449.55

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 12-07-11

By J F Schott

Vice President

Green Bay, Wisconsin

CANCELLED BY U-16742, U-15152 ORDER U-16742, U

Michigan Public Service Commission

December 8, 2011

MPSC Vol No 5-GAS

2nd Rev. Sheet No. D-8.01 Replaces 1st Rev. Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

R	<u>Customer Class</u> Residential	EO Surcharge \$0.0158/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	Per Day/meter \$0.0792 \$0.1584 \$0.9301	Per Month/meter \$2.41 \$4.82 \$28.29
R R	Transportation Medium* Transportation Large Transportation Super Large	 \$0.4206 \$8.8150	 \$12.79 \$268.12

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 07-12-11
By J F Schott
Vice President
Green Bay, Wisconsir





MPSC Vol No 5-GAS

1st Rev. Sheet No. D-8.01 Replaces Original Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization (EO) Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

The approved Energy Optimization Surcharges are listed below:

3.	<u>Customer Class</u> Residential	EO Surcharge \$0.0159/Therm	
R R R	C & I Small-year round customers C & I Small-seasonal customers C & I Large	<u>Per Day/meter</u> \$0.0729 \$0.1458 \$0.8428	Per Month/meter \$2.22 \$4.44 \$25.64
2.	Transportation Medium* Transportation Large Transportation Super Large	\$0.4192 \$10.2303	\$12.75 \$311.17

* No customers currently on this rate

Continued to Sheet No. D-9.00

Issued: 07-23-10 By J F Schott Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16363,U-15152

REMOVED BY
DATE 07-18-11



Effective for Service On and After: 08-01-10 Issued Under Auth. of Mich Public Serv Comm Dated: 07-13-10 In Case No: U-16362

R

R R R

R R MPSC Vol No 5-GAS

Original Sheet No. D-8.01

D3. Supplemental Charges (Schedule GSC)

Natural Gas

D3. SUPPLEMENTAL CHARGES

<u>Customer Class</u>

Residential

- 1. Each Rate Schedule may be subject to Rule C3, Customer Attachment Program.
- 2. Energy Optimization(EO)Surcharge This surcharge is pursuant to Section 91(4) of 2008 PA 295, the adjustment of distribution service rates, via the application of an Energy Optimization Surcharge, to allow recovery of the energy optimization alternative compliance payment made by the Company in compliance with Section 91(1) of 2008 PA 295. The EO compliance payments and the associated surcharges are subject to a reconciliation mechanism.

EO Surcharge

\$0.0140/Therm

The approved Energy Optimization Surcharges are listed below:

C & I Small-year round customers C & I Small-seasonal customers C & I Large	<u>Per Day/meter</u> \$0.0705 \$0.1410 \$0.9891	Per Month/meter \$2.14 \$4.28 \$30.09
Transportation Medium* Transportation Large Transportation Super Large	 \$0.3763 \$3.4628	 \$11.45 \$105.33

* No customers currently on this rate

Continued to Sheet No. D9.00

Issued: 06-23-09 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





MICHIGAN

MPSC Vol No 5-GAS

1st Rev. Sheet No. D-9.00 Replaces Original Sheet No. D-9.00

D3. Residential Service (Schedule GRgM)

Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available for service to residential customers.

R RATES

R R R

R

R

Customer Charge

Daily
\$0.1643
\$0.3287

Daily	Monthly	
\$0.1643	\$ 5.00	Year-Round Customers
\$0.3287	\$10.00	Seasonal Customers

Distribution Charge

All therms per month at \$.08564/Therm

Cost of Gas Charge

All therms per month as set forth on Sheet D2. Gas Cost Recovery Factors, Sheet D-5.00.

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the Daily Customer Charge multiplied by the number of days in the billing period.

SEASONAL BILLING

- Service shall be billed for six months (billing periods May to October
- Service may remain connected during the off-season, and incidental use during such period will be included with the first billing of the following season; but if substantial use is recorded in any off-season month, such use may be billed on a monthly basis with no customer or minimum charges.

Continued to Sheet No. D10.00

DATE ____

Issued: 04-07-08 By J F Schott VP Regulatory Affairs

Green Bay, Wisconsin

BY ORDER <u>U-15894</u>, U-15152 $_{\mathsf{REMOVED}\,\mathsf{BY}}\underline{\hspace{1cm}}^{\mathsf{RL}}$

06-24-09



MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-9.00

D3. Residential Service (Schedule GRgM)

Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available for service to residential customers.

MONTHLY RATE

Customer Charge

\$ 5.00 for Year-Round Customers \$10.00 for Seasonal Customers

Distribution Charge

All therms per month at \$.08564/Therm

Cost of Gas Charge

All therms per month as set forth on Sheet D2. Gas Cost Recovery Factors, Sheet D-5.00

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the customer charge.

SEASONAL BILLING

- Service shall be billed for six months (billing periods May to October inclusive).
- 2. Service may remain connected during the off-season, and incidental use during such period will be included with the first billing of the following season; but if substantial use is recorded in any off-season month, such use may be billed on a monthly basis with no customer or minimum charges.

CANCELLED
BY
ORDER U-15521

REMOVED BY NAP

04-08-08

Continued to Sheet No. D10.00

Issued: 01-28-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

Michigan Public Service Commission

January 29, 2008

Filed

DATE _

MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-10.00

D3. Residential Service (Schedule GRgM) (Contd)

Natural Gas

Continued from Sheet No. D-9.00

SPECIAL RULES

- 1. The company will deliver firm natural gas of the quality received from its supplier or such supplemental gas as may be produced by the company to augment or supplement said purchased supply.
- 2. The number of therms billed under this rate in any billing period shall be based on the volume of gas used by the customer during that period and the average heat content, as determined by the company, of gas received from the company's supplier during the thirty days preceding the last meter reading date.
- 3. Gas supplied under this rate shall not be used as standby for interruptible gas service, nor shall it be used in lieu of such interruptible service.

Issued: 01-28-08 By J F Schott VP Regulatory Affairs

Green Bay, Wisconsin

REMOVED BY RL
DATE 06-24-09

BY ORDER U-15894,U-15152



MPSC Vol No 5-GAS

1st Rev. Sheet No. D-11.00 Replaces Original Sheet No. D-11.00

D4. Com'l & Indus Firm Serv-10,000 Therms/Yr or Less (Schedule CgSM) Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available to existing and new customers with requirements of 10,000 therms per year or less and which are not subject to the incremental pricing provision of the Natural Gas Policy Act of 1978. If annual consumption in any December exceeds 10,000 therms, customers hereunder shall be automatically transferred to Schedule CgLM for prospective billing beginning with bills rendered in the following January.

RATES

R R R

R

R

Customer Charge

Dally	Monthly	
\$0.2465	\$ 7.50	Year-Round Customers
\$0.4931	\$15.00	Seasonal Customers

Distribution Charge

All therms per month at \$.08514/therm

Cost of Gas Charge

All therms per month as set forth on Sheet D-5.00 (Gas Cost Recovery Factors).

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the Daily Customer Charge multiplied by the number of days in the billing period.

SEASONAL BILLING

- 1. Service shall be billed for six months (billing periods May to October inclusive).
- 2. Service may remain connected during the off-season, and incidental use during such period will be included with the first billing of the following season; but if substantial use is reported in any off-season month, such use may be billed on a monthly basis with no customer or minimum charges.

SPECIAL RULES

See D2. Commercial and Industrial Firm Service-Special Rules, Sheet No. D-13.00.

Issued: 04-07-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-11.00

D4. Com'l & Indus Firm Serv-10,000 Therms/Yr or Less (Schedule CgSM) Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available to existing and new customers with requirements of 10,000 therms per year or less and which are not subject to the incremental pricing provision of the Natural Gas Policy Act of 1978. If annual consumption in any December exceeds 10,000 therms, customers hereunder shall be automatically transferred to Schedule CgLM for prospective billing beginning with bills rendered in the following January.

MONTHLY RATE

Customer Charge

\$ 7.50 for Year-Round Customers \$15.00 for Seasonal Customers

Distribution Charge

All therms per month at \$.08514/therm

Cost of Gas Charge

All therms per month as set forth on Sheet D-5.00 (Gas Cost Recovery Factors)

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the customer charge.

SEASONAL BILLING

- 1. Service shall be billed for six months (billing periods May to October inclusive).
- 2. Service may remain connected during the off-season, and incidental use during such period will be included with the first billing of the following season; but if substantial use is reported in any off-season month, such use may be billed on a monthly basis with no customer or minimum charges.

SPECIAL RULES

See D2. Commercial and Industrial Firm Service-Special Rules, Sheet No. D-13.00.

Issued: 01-28-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY U-15521
ORDER _____ U-15521

REMOVED BY ____ NAP
DATE _____ 04-08-08



MICHIGAN

MPSC Vol No 5-GAS

1st Rev. Sheet No. D-12.00 Replaces Original Sheet No. D-12.00

D5. Com'l & Indus Firm Serv-More Than 10,000 Therms/Yr(Sched CgLM) Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available to existing and new customers with requirements of more than 10,000 therms per year and which are not subject to the incremental pricing provision of the Natural Gas Policy Act of 1978. If annual consumption in any December is 10,000 therms or less, customers hereunder shall be automatically transferred to Schedule CgSM for prospective billing beginning with bills rendered in the following January.

RATES

R

R

R

R

Customer Charge

Daily Monthly \$2.3671 \$72.00

Distribution Charge

All therms per month at \$.06214/therm

Cost of Gas Charge

 $\overline{\text{All}}$ therms per month as set forth on Sheet D-5.00 (Gas Cost Recovery Factors).

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the Daily Customer Charge multiplied by the number of days in the billing period.

SPECIAL RULES

See D2. Commercial and Industrial Firm Service-Special Rules, Sheet No. D-13.00.

Issued: 04-07-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY U-15894, U-15152

REMOVED BY RL
DATE 06-24-09



MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-12.00

D5. Com'l & Indus Firm Serv-More Than 10,000 Therms/Yr(Sched CgLM) Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

This schedule is available to existing and new customers with requirements of more than 10,000 therms per year and which are not subject to the incremental pricing provision of the Natural Gas Policy Act of 1978. If annual consumption in any December is 10,000 therms or less, customers hereunder shall be automatically transferred to Schedule CgSM for prospective billing beginning with bills rendered in the following January.

MONTHLY RATE

Customer Charge
\$72.00/Month

Distribution Charge

All therms per month at \$.06214/therm

Cost of Gas Charge

All therms per month as set forth on Sheet D-5.00 (Gas Cost Recovery Factors)

GAS COST RECOVERY CLAUSE

Therms billed under this rate are subject to Gas Cost Recovery Clause. See Sheet D-1.00.

MINIMUM CHARGE

The monthly minimum charge is the customer charge.

SPECIAL RULES

See D2. Commercial and Industrial Firm Service-Special Rules, Sheet No. D-13.00.

Issued: 01-28-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15521

REMOVED BY NAP
DATE 04-08-08

Michigan Public Service
Commission

January 29, 2008

Filed

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. D-13.00

D6. Com'l & Indus Firm Service - Special Rules

Natural Gas

SPECIAL RULES

- 1. The company will deliver firm natural gas of the quality received from its supplier or such supplemental gas as may be produced by the company to augment or supplement said purchased supply.
- 2. The number of therms billed under this rate in any billing period shall be based on the volume of gas used by the customer during that period and the average heat content, as determined by the company, of gas received from the company's supplier during the thirty days preceding the last meter reading date.
- 3. Gas supplied under this rate shall not be used as standby for interruptible gas service, nor shall it be used in lieu of such interruptible service.
- 4. The use of unauthorized gas in excess of the limitations contained in the Availability Clause shall be subject to an additional charge of \$1.00 per therm.
- 5. Service to a customer who exceeds the limitations of the Availability Clause may be discontinued, and further supply of gas may be withheld until the company is duly assured that such unauthorized use will not be resumed.

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By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

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January 29, 2008

Filed

MPSC Vol No 5-GAS

1st Rev. Sheet No. E-1.00 Replaces Original Sheet No. E-1.00

E1. Gas Transportation Service (Schedule GT)

Natural Gas

EFFECTIVE IN All territory served.

<u>AVAILABILITY</u>

1. This service is available to any customer delivering gas to the Company's system for the purpose of the Company redelivering the gas to customer(s) meters. Customers must take service under this rate schedule for entire calendar months.

NOTIFICATION REQUIREMENTS

- 1. Existing customers wishing to switch existing load to or from this rate schedule are required to provide a written notice to the Company by March 1 of each year. The Company will approve requested changes to switch load to or from this rate schedule that comply with the above notice requirement provided the customer's requested switch date is on or after the subsequent November 1.
- 2. The notice requirement from paragraph 1 above may be waived by the Company, in the Company's sole discretion, if the Company has adequate gas supply and capacity to serve the customer, and the Company anticipates no significant detriment to existing system sales customers.

MONTHLY RATE

1. <u>Customer Charge Per Meter</u>

Customer	Annual	Charge	Charge
<u>Class</u>	<u>Usage (therms)</u>	per Day	<u>per Month</u>
Cg-TM	Up to 10,000	\$4.8493	\$147.50
Cg-TL	10,001 to 1,800,000	\$6.9698	\$212.00
Cg-TSL	1,800,001 or more	\$6.9698	\$212.00

2. Rate Per Therm - See Sheet No. E-18.00 for currently effective rates.

Continued to Sheet No. E-2.00.

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Green Bay, Wisconsin





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R R R R

MTCHTGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-1.00

E1. Gas Transportation Service (Schedule GT)

Natural Gas

EFFECTIVE IN All territory served.

AVAILABILITY

 This service is available to any customer delivering gas to the Company's system for the purpose of the Company redelivering the gas to customer(s) meters. Customers must take service under this rate schedule for entire calendar months.

NOTIFICATION REQUIREMENTS

- 1. Existing customers wishing to switch existing load to or from this rate schedule are required to provide a written notice to the Company by March 1 of each year. The Company will approve requested changes to switch load to or from this rate schedule that comply with the above notice requirement provided the customer's requested switch date is on or after the subsequent November 1.
- 2. The notice requirement from paragraph 1 above may be waived by the Company, in the Company's sole discretion, if the Company has adequate gas supply and capacity to serve the customer, and the Company anticipates no significant detriment to existing system sales customers.

MONTHLY RATE

1. <u>Customer Charge Per Meter</u>

Customer	Annual	Charge
<u>Class</u>	<u>Usage (therms)</u>	<u>per Month</u>
Cg-TM	Up to 10,000	\$147.50
Cg-TL	10,001 to 1,800,000	\$212.00
Cg-TSL	1,800,001 or more	\$212.00

2. Rate Per Therm - See Sheet No. E-18.00 for currently effective rates.

Continued to Sheet No. E-2.00.

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MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-2.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-1.00.

POOLING OF METERS

- Single Entity Pools: Single customers with more than one meter on the Company's distribution system in Michigan may form a Single Entity Pool and request the Company to net the customer's usage, and net the customer's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, at each of these meters for purposes of Daily and Monthly Balancing. The customer must designate one of the meters as the one to be billed or credited. Single Entity Pools must be established for an entire calendar month.
- Third Party Pools: Multiple customers on the Company's distribution system 2. in Michigan may form a Third Party Pool and request the Company to net each Third Party Pool member's usage, and net each Third Party Pool member's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, at each of these meters for purposes of Daily and Monthly Balancing. A Pool Administrator must be designated. Third Party Pools must be established for an entire calendar month, and the Company can require the customer to provide written authorization prior to placing them into a Third Party Pool. The Company must be notified by the Pool Administrator, in writing, at least three (3) business days prior to the beginning of each calendar month as to which meters will be participating in the Third Party Pool. The Pool Administrator will be responsible for determining how any charges or credits will be divided among Third Party Pool members. On the second working day of each month, the Pool Administrator will be given individual Third Party Pool member usage information by the Company for the previous month, and the Pool Administrator must return to the Company the needed billing information on the same day. The Company will then bill the Pool Administrator and/or each customer in a Third Party Pool based on the information received from the Pool Administrator. If the needed billing information is not received by the Company from the Pool Administrator in a timely manner as described above, the Company reserves the right to allocate charges to each Third Party Pool member and/or the Pool Administrator using its sole discretion.

Continued to Sheet No. E-3.00.

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MTCHTGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-6.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-5.00.

PRESSURE BASE CORRECTION

1. The Company will credit a customer with delivering to the Company's system an amount of gas, in therms, equal to their Adjusted Scheduled Delivered Quantity. The Adjusted Scheduled Delivered Quantity is equal to:

(Scheduled Delivered Quantity, in dekatherms, as recognized by the interstate pipeline(s) serving the Company's system) \times 10 \times (ANR-WPSC Pressure Base Correction, as shown on Sheet No. E-18.00). This calculation shall be rounded to the nearest one-tenth of a therm.

HIGH FLOW CONSTRAINT DAY

- 1. On a High Flow Constraint Day, customers or pools taking service under this rate schedule may not use more gas than their Adjusted Scheduled Delivered Quantity, plus any Peak Day Backup capacity. A High Flow Constraint Day is defined as any Gas Day which meets the following criteria:
 - a. The Company anticipates that the net sum of the Adjusted Scheduled Daily Quantities of gas delivered to the Company's system, as recognized by the interstate pipeline(s) serving the Company's system, including any nominated Annual Supply Backup, will be less than actual gas usage such that the Company is in danger of incurring penalties from the interstate pipeline(s) serving the Company's system.
 - b. The Company anticipates the necessity to curtail interruptible customers and/or hold transportation customers to their Adjusted Schedule Daily Quantity, plus any Peak Day Backup capacity, to avoid incurring penalties from the interstate pipeline(s) serving the Company's system and/or preserve system integrity, and
 - c. The Company gives notice to customers or their Pool Administrators of the High Flow Constraint Day at least two (2) hours prior to the start of the Gas Day.
- 2. See the Section entitled "Constraint Day Balancing" for more information regarding High Flow Constraint Days.

Continued to Sheet No. E-7.00.

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MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-7.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-6.00.

LOW FLOW CONSTRAINT DAY

- 1. On a Low Flow Constraint Day, customers or pools taking service under this rate schedule must use at a minimum their Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup. A Low Flow Constraint Day is defined as any Gas Day which meets the following criteria:
 - a. The Company anticipates that the net sum of the Adjusted Scheduled Daily Quantities of gas delivered to the Company's system, as recognized by the interstate pipeline(s) serving the Company's system, including any nominated Annual Supply Backup, will far exceed actual gas usage such that the Company is in danger of incurring penalties from the interstate pipeline(s) serving the Company's system.
 - b. The Company gives notice of the Low Flow Constraint Day to customers or their Pool Administrators at least two (2) hours prior to the start of the Gas Day.
- See the Section entitled "Constraint Day Balancing" for more information regarding Low Flow Constraint Days.

PEAK DAY BACKUP/ANNUAL SUPPLY BACKUP

- 1. Peak Day Backup/Annual Supply Backup is an optional service available, subject to available interstate pipeline capacity, on a first-come, first-served basis, to customers taking service under this rate schedule on either an Annual (November-October) or Seasonal (November-March) basis. Customers must request Peak Day Backup capacity, in writing, by October 31 of each year to be effective on November 1 of the same year. This service can be purchased from the Company at the following rates:
 - a. Demand Charge:

Rate per therm of Peak Day Backup capacity per month as listed on Sheet No. E-18.00. The annual rate shall be equal to the Company's annual D1 costs, divided by the Company's interstate pipeline winter peak day maximum daily quantity, and divided by 12. The seasonal rate shall be equal to the Company's November - March D1 costs, divided by the Company's interstate pipeline winter peak day maximum daily quantity, and divided by 5.

Continued to Sheet No. E-8.00.

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By J F Schott
VP Regulatory Affairs

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MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-8.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-7.00.

- b. Commodity Charge: City Gate rate per therm as listed on Sheet No. E-18.00 on all nominated Annual Supply Backup. This rate will be equal to the maximum authorized gas cost recovery factor, less the D1 rate.
- 2. On a daily basis, customers may purchase gas commodity from the Company under the Annual Supply Backup Service up to the limit of their Peak Day Backup capacity. Customers must nominate the desired amount of gas commodity prior to the start of a Gas Day. This nominated Annual Supply Backup gas commodity will be considered the first gas through the customer's meter.
- 3. During the winter period (November through March), customers are limited to purchasing a maximum of a 100 day supply of gas commodity under the Annual Supply Backup service. The 100 day supply limit is defined to be equal to the customer's Peak Day Backup capacity times 100 days. This 100 day supply limit does not apply during the summer period (April through October).
- 4. All revenues from the Peak Day Backup/Annual Supply Backup Service will be reflected in each annual Gas Cost Recovery Reconciliation.

MONTHLY BALANCING: USAGE MORE-OR-LESS THAN ADJUSTED SCHEDULED DAILY QUANTITIES

1. Usage More Than Adjusted Scheduled Daily Quantities: On a monthly basis, the customer or Pool Administrator shall purchase from the Company the difference between the customer's or pool's actual usage, and the sum of the customer's or pool's Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup. When, in the Company's sole discretion, a force majeure on the Company's distribution system does not exist, the rate for this purchase shall equal 103% of the Indexed Price of gas commodity for that month, times the Rate Payment Adjustment for each block of gas, as shown in the table below, plus any authorized surcharges.

<u>Usage Percent of Adjusted</u>	
Scheduled Delivered Quantity	Rate Payment Adjustment
>100% up to 103.5% of total	(1/1.03)
>103.5% up to 110% of total	1.00
>110% up to 115% of total	1.20
>115% up to 120% of total	1.30
>120% of total	1.50
	Scheduled Delivered Quantity >100% up to 103.5% of total >103.5% up to 110% of total >110% up to 115% of total >115% up to 120% of total

Continued to Sheet No. E-9.00.

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VP Regulatory Affairs Green Bay, Wisconsin

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Original Sheet No. E-9.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-8.00.

- b. The Usage Percent of Adjusted Scheduled Delivered Quantity is calculated by dividing the actual monthly usage of the customer or pool by the sum of the Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup, for the month for the customer or the pool.
- c. When, in the Company's sole discretion, a <u>force majeure</u> exists on the Company's distribution system, the rate for this purchase for all affected customers will be equal to the Annual Supply Backup commodity rate shown on Sheet No. E-18.00.
- d. The total Monthly Balancing charges for a Third Party Pool may be allocated among pool members by the Pool Administrator, and/or may be billed directly to the Pool Administrator.
- e. All revenues from the Monthly Balancing Service will be reflected in each annual Gas Cost Recovery Reconciliation.
- 2. <u>Usage Less Than Adjusted Scheduled Daily Quantities</u>: On a monthly basis, the Company shall purchase from the customer or pool the difference between the customer's or pool's actual usage, and the sum of the customer's or pool's Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup. When, in the Company's sole discretion, a <u>force majeure</u> on the Company's distribution system does not exist, the rate shall equal 97% of the Indexed Price of gas commodity for that month, times the Rate Payment Adjustment for each block of gas, as shown in the table below:

a.	<u> Usage Percent of Adjusted</u>	
	Scheduled Delivered Quantity	Rate Payment Adjustment
	>96.5% up to 100% of total	(1/0.97)
	>90% up to 96.5% of total	1.00
	>85% up to 90% of total	0.80
	>80% up to 85% of total	0.70
	<80% of total	0.50

b. The Usage Percent of Adjusted Scheduled Delivered Quantity is calculated by dividing the actual monthly usage of the customer or pool by the sum of the Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup, for the month for the customer or the pool.

Continued to Sheet No. E-10.00.

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MICHIGAN

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Original Sheet No. E-10.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-9.00.

- c. When, in the Company's sole discretion, a <u>force majeure</u> exists on the Company's distribution system, the rate for this purchase for all affected customers will be equal to the Annual Supply Backup commodity rate shown on Sheet No. E-18.00.
- d. The total Monthly Balancing credits for a Third Party Pool may be allocated among pool members by the Pool Administrator, and/or may be credited directly to the Pool Administrator.
- e. All gas costs from the Monthly Balancing Service will be reflected in each annual Gas Cost Recovery Reconciliation.
- 3. <u>Indexed Price</u>: The Indexed Price per therm of gas commodity for a given month will be equal to the "Index" for "ANR Pipeline, ML 7", as listed in the <u>Gas Daily Price Guide</u> for that month, divided by 10, and divided by the ANR-WPSC Pressure Base Correction shown on Sheet No. E-18.00. All rate calculations will be rounded to the fourth decimal place.

DAILY BALANCING SERVICE

- The Daily Balancing Service is available to any customer or pool taking service under this rate schedule that desires to balance daily gas usage on the Company's system.
- 2. All customers taking service under this rate schedule, but not subscribing to alternate balancing services, such as ANR Pipeline Company's Market Balancing Service (MBS), must subscribe to the Company's Daily Balancing Service.
- All customers using the Daily Balancing Service that are not members of a Third Party Pool will be placed in the Company Sponsored Pool.
- 4. For each Third Party Pool, on a daily basis, the difference between the entire pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and the entire pool's actual usage will be divided into two blocks as defined below. The number of therms in each block will be multiplied by the respective rate for that block in accordance with the following table:
 - a. Percent Difference From Adjusted
 Scheduled Delivered Quantity
 >0.0% up to 25.0%
 >25%

Rate Per Therm
(See Sheet No. E-18.00)
for current effective rates)

Continued to Sheet No. E-11.00.

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MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-11.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-10.00.

- b. The Percent Difference From Adjusted Scheduled Delivered Quantity is calculated by taking the absolute value of the difference between the pool's actual daily usage and the pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and dividing by the pool's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup.
- c. The total Daily Balancing charges for a Third Party Pool may be allocated among pool members by the Pool Administrator, and/or may be billed directly to the Pool Administrator.
- 5. For the Company Sponsored Pool, on a daily basis, the difference between each customer's Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and each customer's actual usage will be divided into two blocks. The number of therms in each block will be multiplied by a Pooling Factor. The Pooling Factor is calculated by dividing the sum of the absolute values of the daily imbalances of the Company Sponsored Pool as a whole, by the sum of the absolute values of the individual daily imbalances for each member of the Company Sponsored Pool for each month. This value will then multiplied by the respective rate for each block in accordance with the following table:
 - a. Percent Difference From Adjusted
 Scheduled Delivered Quantity
 >0.0% up to 25.0%
 >25.0%

Rate Per Therm
(See Sheet E-18.00 for current effective rates)

b. The Percent Difference from Adjusted Scheduled Delivered Quantity is calculated by taking the absolute value of the difference between the actual daily usage for each customer, and the Adjusted Scheduled Delivered Quantity for each customer, including any nominated Annual Supply Backup, and dividing by the Adjusted Scheduled Delivered Quantity for each customer, including any nominated Annual Supply Backup.

Continued to Sheet No. E-12.00.

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MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-12.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-11.00.

- 6. In addition to Daily and Monthly Balancing charges, all customers and pools taking service under the Company's Daily Balancing Service will be charged their prorated share of interstate pipeline penalties if any such penalties are charged to the Company. The proration of interstate pipeline penalties will not take place if the customer or pool is already paying the Surcharge For Unauthorized Use of Gas on High Flow Constraint Days, or the pipeline penalty rate on Low Flow Constraint Days.
- 7. Customers not taking service under the Company's Daily Balancing Service that subsequently default to the Company's Daily Balancing Service will pay for the Company's Daily Balancing Service at a rate equal to the ceiling rate listed on Sheet No. E-18.00.
- 8. All revenues from the Daily Balancing Service will be reflected in each annual Gas Cost Recovery Reconciliation.
- 9. The first tier floor rate (shown on Sheet No. E-18.00) shall be equal to the long run incremental cost of providing balancing service, including the incremental cost of aggregating imbalances between gate stations on the Company's system. The first tier ceiling rate shall be equal to the cost of ANR Pipeline Company's (ANR) No-Notice Service, including the fixed costs of the associated interstate pipeline transportation and storage.

The second tier floor rate shall be equal the higher of the first tier floor rate or ANR's Market Balancing Service (MBS) overrun rate. The second tier ceiling rate shall be equal to the first tier ceiling rate plus ANR's No-Notice Service (NNS) overrun rate.

10. Constraint Day Balancing:

a. <u>High Flow Constraint Days</u> - During a High Flow Constraint Day, customers or pools may consume the full amount of their Adjusted Scheduled Delivered Quantity, plus their Peak Day Backup capacity, before being charged the Surcharge For Unauthorized Use of Gas. Any usage of gas during a High Flow Constraint Day greater than the customer's or pool's Adjusted Scheduled Delivered Quantity plus their Peak Day Backup capacity is unauthorized and will be charged the Surcharge for Unauthorized Use of Gas in lieu of the Daily Balancing rates shown on Sheet No. E-18.00.

Continued to Sheet No. E13.00.

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Original Sheet No. E-13.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-12.00.

Normal Daily Balancing Service charges will be charged on High Flow Constraint Days to customers or pools with gas usage less than their Adjusted Scheduled Delivered Quantity, plus their Peak Day Backup capacity. There will be no waiver of any penalties or charges. Customers or their Pool Administrators must be notified a minimum of two (2) hours prior to the beginning of a High Flow Constraint Day. All Pool Administrators will be notified prior to Company Sponsored Pool members, and Pool Administrators are solely responsible for notifying their pool members.

b. Low Flow Constraint Days - During a Low Flow Constraint Day, customers or pools taking service under this schedule must use at a minimum their Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup. If the Company is not charged a penalty from the interstate pipeline(s) serving the Company's system, normal Daily Balancing Service charges will be charged on Low Flow Constraint Days.

During a Low Flow Constraint Day, if the Company is charged a penalty from the interstate pipeline(s) serving the Company's system, customers or pools with Adjusted Scheduled Daily Quantities, including any nominated Annual Supply Backup, greater than actual usage will be charged the interstate pipeline(s) penalty rate in lieu of the Daily Balancing Rate shown on Sheet No. E-18.00 on the difference between their Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, and their actual usage. Customers or their Pool Administrators must be notified a minimum of two (2) hours prior to the beginning of a Low Flow Constraint Day. All Pool Administrators will be notified prior to Company Sponsored Pool members, and Pool Administrators are solely responsible for notifying their pool members.

Economic Constraint Days

- 1. At the Company's sole discretion, an Economic Constraint Day may be declared by the Company for a Specific Gas Transportation Customer if the Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, for that Specific Gas Transportation Customer has been either:
 - a. 90% or less of actual usage, or
 - b. 1,000 Dth less than actual usage,

for any two of the previously completed seven days.

Continued to Sheet No. E-14.00.

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VP Regulatory Affairs Green Bay, Wisconsin

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MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-14.00

E1. Gas Transportation Service (Schedule GT) (Contd)

Natural Gas

Continued from Sheet No. E-13.00.

- 2. The term "Specific Gas Transportation Customer" as it applies to Economic Constraint days is defined to include individual customers taking service under this rate schedule, Single Entity Pools, Third Party Pools, and multiple Third Party Pools with the same Pool Administrator.
- 3. When an Economic Constraint Day is declared for Specific Gas Transportation Customers, these Specific Gas Transportation Customers will be charged the Surcharge For Unauthorized Use of Gas for all usage greater than their Adjusted Scheduled Delivered Quantity, including any nominated Annual Supply Backup, for that Economic Constraint Day rate in lieu of the Daily Balancing Rate shown on Sheet No. E-18.00.
- 4. Customers or Pool Administrators must be notified a minimum of two (2) hours prior to the beginning of an Economic Constraint Day.
 All Pool Administrators will be notified prior to Company Sponsored Pool members, and Pool Administrators are solely responsible for notifying their pool members.
- 5. When an Economic Constraint Day is declared, it will be declared for all customers meeting the criteria on that Gas Day.

SURCHARGE FOR UNAUTHORIZED USE OF GAS

- 1. The penalty rates described in paragraphs "a" and "b" below will be charged against customers regardless of whether the Company is actually charged penalties from the interstate pipeline(s) serving the Company's system. All such penalty revenues will be reflected in each annual Gas Cost Recovery Reconciliation.
 - a. Customers shall be required to pay a minimum penalty rate of \$2.00 per therm for all unauthorized use of gas.
 - b. When the Company is exposed to penalties greater than \$2.00 per therm from the interstate pipeline(s) serving the Company's system, the minimum penalty rate will increase to \$10.00 per therm, plus any incremental costs incurred by the Company to serve customers, for all unauthorized use of gas.

Continued to Sheet No. E-15.00.

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MICHIGAN

MPSC Vol No 5-GAS

 44^{th} Rev. Sheet No. E-18.00 Replaces 43^{nd} Rev. Sheet No. E-18.00

Natural Gas E3. Gas Transportation Service-Rates GAS TRANSPORTATION SERVICE - RATE SCHEDULE GT Distribution Take-or-Pay Effective ___Rate Charge Rate Ś \$ Ś --4.8493/147.50 Monthly Customer Charge* --Rate Per Therm 0.00000 0.08514 0.08514 Monthly Customer Charge* ___ 6.9698/212.00 0.06214 0.00000 Rate Per Therm 0.06214 Monthly Customer Charge* 6.9698/212.00 0.03000 0.00000 Rate Per Therm 0.03000 PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.67787 Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80723

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-18112)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.29069

\$0.09660

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 11-09-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin

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MICHIGAN

MPSC Vol No 5-GAS

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 43^{nd} Rev. Sheet No. E-18.00 Replaces 42^{nd} Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHE	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.0000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	 0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.67787 Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80723 Commodity Charge - City Gate Rate Per Therm** \$0.29163 D1 Rate (Case No. U-18112) \$0.09660

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-11-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin

CANCELLED
BY
ORDER U-18112

REMOVED BY DBR
DATE 11-10-16

Michigan Public Service Commission

October 12, 2016

Filed DBR

Effective for Service
On and After: 11-01-16
Issued Under Auth. of

1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-18112

MICHIGAN

MPSC Vol No 5-GAS

 $42^{\rm nd}$ Rev. Sheet No. E-18.00 Replaces $41^{\rm st}$ Rev. Sheet No. E-18.00

Natural Gas E3. Gas Transportation Service-Rates GAS TRANSPORTATION SERVICE - RATE SCHEDULE GT Distribution Take-or-Pay Effective ___Rate Charge Rate \$ \$ Ś --4.8493/147.50 Monthly Customer Charge* --Rate Per Therm 0.00000 0.08514 0.08514 Monthly Customer Charge* --6.9698/212.00 0.06214 0.00000 Rate Per Therm 0.06214 Monthly Customer Charge* 6.9698/212.00 0.03000 0.00000 Rate Per Therm 0.03000 PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.66147 Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80276 Commodity Charge - City Gate Rate Per Therm** \$0.23803 D1 Rate (Case No. U-17890) \$0.08755

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 09-09-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin

CANCELLED
BY U-18018,U-18112

REMOVED BY DBR
DATE 10-12-16

Commission

September 12, 2016

Michigan Public Service

September 12, 2016

Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 $41^{\rm st}$ Rev. Sheet No. E-18.00 Replaces $40^{\rm th}$ Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

	Distribution Charge	Take-or-Pay Rate	Effective Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
<pre>Cg-TSL Monthly Customer Charge*</pre>			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.66147

Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80276

Commodity Charge - City Gate Rate Per Therm** \$0.18598

D1 Rate (Case No. U-17890) \$0.08755

ANR-WPSC PRESSURE BASE CORRECTION:

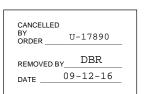
(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 08-08-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin





Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

R

 ${\rm 40}^{\rm th}$ Rev. Sheet No. E-18.00 Replaces ${\rm 39}^{\rm th}$ Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Po	er Month (Annua	l Option)	\$0.66147

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17890)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.80276

\$0.20099

\$0.08755

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

Issued: 07-11-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin

CANCELLED
BY
ORDER U-17890

REMOVED BY RL
DATE 08-09-16

Michigan Public Service Commission

July 11, 2016

Filed DBR

Effective for Service On and After: 11-01-15 Issued Under Auth. of

1982 PA 304, Section 6h(9) and Mich Public Serv Comm

In Case No: U-17890

^{*}This charge includes a \$140.00 per month Administrative Charge.

^{**}Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

MICHIGAN

MPSC Vol No 5-GAS

 $$39^{\rm th}$$ Rev. Sheet No. E-18.00 Replaces $38^{\rm th}$ Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

	Distribution Charge	Take-or-Pay Rate	Effective Rate
Cg-TM Monthly Customer Charget	\$	\$	\$ 4.8493/147.50
Monthly Customer Charge* Rate Per Therm	0.08514	0.00000	0.08514
<pre>Cg-TL Monthly Customer Charge* Rate Per Therm</pre>	 0.06214	0.00000	6.9698/212.00 0.06214
<pre>Cg-TSL Monthly Customer Charge* Rate Per Therm</pre>	 0.03000	 0.00000	6.9698/212.00

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.66147

Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80276

Commodity Charge - City Gate Rate Per Therm** \$0.14709

D1 Rate (Case No. U-17890) \$0.08755

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 06-08-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin

CANCELLED BY U-17890
ORDER U-17890

REMOVED BY DBR

DATE 07-11-16

Michigan Public Service Commission

June 9, 2016
Filed DBR

Effective for Service
On and After: 11-01-15
Issued Under Auth. of
1982 PA 304, Section 6h(9) and
Mich Public Serv Comm
In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 38^{th} Rev. Sheet No. E-18.00 Replaces 37^{th} Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

Distribution Charge	Take-or-Pay Rate	Effective Rate $_$
\$	\$	\$
		4.8493/147.50
0.08514	0.00000	0.08514
		6.9698/212.00
0.06214	0.00000	0.06214
		6.9698/212.00
0.03000	0.0000	0.03000
	Charge \$ 0.08514 0.06214	Charge Rate \$ \$ 0.08514 0.00000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.66147

Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80276

Commodity Charge - City Gate Rate Per Therm** \$0.13636

D1 Rate (Case No. U-17890) \$0.08755

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 05-09-16
By T. T. Eidukas
Vice-President
Milwaukee, Wisconsin

CANCELLED
BY
ORDER U-17890

REMOVED BY DBR
DATE 06-09-16

Michigan Public Service
Commission

May 9, 2016

Filed DBR

Effective for Service
On and After: 11-01-15
Issued Under Auth. of
1982 PA 304, Section 6h(9) and
Mich Public Serv Comm
In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 $$37^{\rm th}$$ Rev. Sheet No. E-18.00 Replaces $36^{\rm th}$ Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT			
	Distribution	Take-or-Pay	Effective	
	Charge	Rate	Rate _	
Cg-TM	\$	\$	\$	
Monthly Customer Charge*			4.8493/147.50	
Rate Per Therm	0.08514	0.00000	0.08514	
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214	
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000	
PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE				
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.66147	

D1 Rate (Case No. U-17890)

ANR-WPSC PRESSURE BASE CORRECTION:

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.80276

\$0.14668

\$0.08755

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Michigan Public Service

Issued: 04-08-16 By T. T. Eidukas Vice-President Milwaukee, Wisconsin

CANCELLED
BY
ORDER _____U-17890___

REMOVED BY _____ DBR _____ 05-09-16

Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 $$36^{\rm th}$$ Rev. Sheet No. E-18.00 Replaces $35^{\rm th}$ Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	HEDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	JPPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand I	Per Month (Annua	l Option)	\$0.66147

D1 Rate (Case No. U-17890) ANR-WPSC PRESSURE BASE CORRECTION:

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.80276

\$0.17972

\$0.08755

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 03-08-16 By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin





Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 35^{th} Rev. Sheet No. E-18.00 Rev. Sheet No. E-18.00 Replaces 34th

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT			
	Distribution	Take-or-Pay	Effective	
	Charge	Rate	Rate	
Cg-TM	\$	\$	\$	
Monthly Customer Charge*			4.8493/147.50	
Rate Per Therm	0.08514	0.00000	0.08514	
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214	
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	 0.0000	6.9698/212.00 0.03000	
PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.66147				

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17890)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.80276

\$0.18924

\$0.08755

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 02-11-16 By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

> CANCELLED ORDER _____U-17890 REMOVED BY____RL DATE 03-09-16

Michigan Public Service Commission

February 16, 2016

Filed DBR

Effective for Service On and After: 11-01-15 Issued Under Auth. of

1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 34^{th} Rev. Sheet No. E-18.00 Replaces 33^{rd} Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

	Distribution Charge	Take-or-Pay Rate	Effective Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
<pre>Cg-TL Monthly Customer Charge*</pre>			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.66147
Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.80276
Commodity Charge - City Gate Rate Per Therm** \$0.26474
D1 Rate (Case No. U-17890) \$0.08755

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 01-11-16 By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY U-17890
ORDER U-17890

REMOVED BY DBR
DATE 02-16-16

Michigan Public Service Commission

January 11, 2016

Filed DBR

Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 $$33 \, \text{rd}$$ Rev. Sheet No. E-18.00 Replaces 32nd Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE			
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.66147

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17890)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.80276

\$0.26583

\$0.08755

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Michigan Public Service

Issued: 12-08-15 By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

DBR DATE 01-11-16

Commission

December 8, 2015

Filed

Proposer U-17890

Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

 $$32 \mathrm{nd}$$ Rev. Sheet No. E-18.00 Replaces 31st Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
<u>Cg-TL</u> Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.66147

D1 Rate (Case No. U-17890)

ANR-WPSC PRESSURE BASE CORRECTION:

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.80276

\$0.28839

\$0.08755

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 11-09-15 By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin





Effective for Service
On and After: 11-01-15
Issued Under Auth. of
1982 PA 304, Section 6h(9) and
Mich Public Serv Comm
In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

R R R $$31st\ Rev.\ Sheet\ No.\ E-18.00$ Replaces 30th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
<u>Cg-TL</u> Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.66147
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.80276
Commodity Charge - City Gate Rate Per Therm**	\$0.32387
D1 Rate (Case No. U-17890)	\$0.08755

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-08-15 By D M Derricks Director Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER_____U-17890

REMOVED BY____ RL
DATE _____11-09-15

Michigan Public Service Commission

October 13, 2015

Filed DBR

Effective for Service On and After: 11-01-15 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm

In Case No: U-17890

MICHIGAN

MPSC Vol No 5-GAS

30th Rev. Sheet No. E-18.00 Replaces 29th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			5 0 5 0 0 1 0 1 0 0 0
Monthly Customer Charge* Rate Per Therm	0.06214	0.00000	6.9698/212.00 0.06214
Race Tel Illerii	0.00211	0.00000	0.00211
Cg-TSL			6 0600/010 00
Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000
Race Per Illeriii	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17650)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.68165

\$0.81505

\$0.40560

\$0.09790

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Annual Option)

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 09-09-15
By D M Derricks
Director Regulatory Affairs
Green Bay, Wisconsin

CANCELLED
BY U-17890
ORDER U-17890

REMOVED BY DBR
DATE 10-13-15

Michigan Public Service Commission

September 9, 2015

Filed DBR

Effective for Service On and After: 11-01-14 Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15 In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

29th Rev. Sheet No. E-18.00 Replaces 28th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

DULE GT		
Distribution	Take-or-Pay	Effective
Charge	Rate	Rate _
\$	\$	\$
		4.8493/147.50
0.08514	0.00000	0.08514
 0.06214	 0.0000	6.9698/212.00 0.06214
0.03000	0.00000	6.9698/212.00
	Distribution Charge \$ 0.08514 0.06214	Distribution Charge Take-or-Pay Rate \$ \$ 0.08514 0.00000 0.06214 0.00000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.68165 Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.81505 Commodity Charge - City Gate Rate Per Therm** \$0.40351 D1 Rate (Case No. U-17650) \$0.09790

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 08-12-15 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED BY ORDER U-176	50
REMOVED BYDBF	2
DATE09-09-	15

Michigan Public Service
Commission

August 12, 2015

Filed DBR

Effective for Service On and After: 11-01-14 Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15 In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

28th Rev. Sheet No. E-18.00 Replaces 27th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHE	DULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.0000	0.08514
<pre>Cg-TL Monthly Customer Charge* Rate Per Therm</pre>	 0.06214	0.00000	6.9698/212.00 0.06214
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000

Demand Charge - Per Therm of Demand Per Month (Seasonal Option) Commodity Charge - City Gate Rate Per Therm**

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.68165 \$0.81505 \$0.36616

(14.73/14.60) = 1.0089

D1 Rate (Case No. U-17650)

\$0.09790

ANR-WPSC PRESSURE BASE CORRECTION:

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8 0%	\$0 0323	\$0.0842	\$0 0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 07-09-15 By D M Derricks Assistant Vice President Green Bay, Wisconsin

> CANCELLED ORDER _____U-17650 REMOVED BY DBR DATE ___ 08-12-15

Michigan Public Service Commission

July 9, 2015

Filed DBR

Effective for Service On and After: 11-01-14 Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15 In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

27th Rev. Sheet No. E-18.00 Replaces 26th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
<pre>Cg-TL Monthly Customer Charge* Rate Per Therm</pre>	 0.06214	 0.00000	6.9698/212.00 0.06214
<pre>Cg-TSL Monthly Customer Charge* Rate Per Therm</pre>	 0.03000	0.00000	6.9698/212.00
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.68165

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17650)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.81505

\$0.35838

\$0.09790

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 06-08-15 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17650

REMOVED BY DBR
DATE 07-09-15

Michigan Public Service Commission

June 8, 2015

Filed DBR

Effective for Service On and After: 11-01-14 Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15 In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

26th Rev. Sheet No. E-18.00 Replaces 25th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

	Distribution Charge	Take-or-Pay Rate	Effective Rate
Cg-TM	\$	\$	<u> </u>
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
<pre>Cg-TSL Monthly Customer Charge* Rate Per Therm</pre>	0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.68165 Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.81505 Commodity Charge - City Gate Rate Per Therm** \$0.34465 D1 Rate (Case No. U-17650) \$0.09790

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 05-08-15 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17650

REMOVED BY DBR
DATE 06-08-15

Michigan Public Service Commission

May 12, 2015

Filed DBR

Effective for Service On and After: 11-01-14 Issued Under Auth. of Mich Public Serv Comm Dated: 04-23-15 In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

 $$25 \rm{th}$$ Rev. Sheet No. E-18.00 Replaces 24th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	 0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.68165
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.81505
Commodity Charge - City Gate Rate Per Therm**	\$0.44603
D1 Rate (Case No. U-17650)	\$0.09790

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-09-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17650, U-15152

REMOVED BY DBR
DATE 05-12-15

Michigan Public Service
Commission

October 10, 2014

I

Effective for Service
On and After: 11-01-14
Issued Under Auth. of
1982 PA 304, Section 6h(9) and
Mich Public Serv Comm
In Case No: U-17650

MICHIGAN

MPSC Vol No 5-GAS

24th Rev. Sheet No. E-18.00 Replaces 23rd Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SO	CHEDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.0000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL S	SUPPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand	Per Month (Annua	1 Option)	\$0.71753

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.84715

\$0.41453

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 09-17-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15152, U-17650

REMOVED BY DBR
DATE 10-10-14

Michigan Public Service Commission

September 17, 2014

Filed DBR

Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$23 \, \text{rd}$$ Rev. Sheet No. E-18.00 Replaces 22nd Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SUI	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Pe	er Month (Annua	1 Option)	\$0.71753
Demand Charge - Per Therm of Demand Pe	•	-	\$0.84715

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.43793

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 07-10-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY U-17279, U-15152

REMOVED BY DBR
DATE 09-17-14

Michigan Public Service Commission

July 14, 2014

Filed DBR

Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$22 \mathrm{nd}$$ Rev. Sheet No. E-18.00 Replaces 21st Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.71753
Demand Charge - Per Therm of Demand Pe	er Month (Season	nal Option)	\$0.84715
Commodity Charge - City Gate Rate Per	Therm**		\$0.46133
D1 Rate (Case No. U-17279)			\$0.10567

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

Issued: 06-09-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER
U-17279

REMOVED BY
DATE
07-14-14

Michigan Public Service
Commission

June 10, 2014

Filed DBR

Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

^{*}This charge includes a \$140.00 per month Administrative Charge.

^{**}Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

MICHIGAN

MPSC Vol No 5-GAS

\$21st Rev. Sheet No. E-18.00 Replaces 20th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			6 0600/212 00
Monthly Customer Charge* Rate Per Therm	0.06214	0.00000	6.9698/212.00 0.06214
	0.00221		0.00221
<u>Cg-TSL</u> Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.71753
Demand Charge - Per Therm of Demand Pe	er Month (Season	nal Option)	\$0.84715

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.46803

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 05-09-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279

REMOVED BY DBR

06-10-14

Michigan Public Service
Commission

May 12, 2014

Filed DBR

Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$20 \, \text{th}$$ Rev. Sheet No. E-18.00 Replaces 19th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand P	er Month (Annua	l Option)	\$0.71753
Demand Charge - Per Therm of Demand P	er Month (Seaso	nal Option)	\$0.84715
Commodity Charge - City Gate Rate Per	Therm**		\$0.44803

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

(14.73/14.60) = 1.0089

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 04-10-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279

REMOVED BY DBR
DATE 05-12-14

Michigan Public Service
Commission

April 14, 2014

Filed DBR

Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$19{\rm th}$$ Rev. Sheet No. E-18.00 Replaces 18th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHE	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
<pre>Cg-TL Monthly Customer Charge* Rate Per Therm</pre>	 0.06214	0.00000	6.9698/212.00 0.06214
Cg-TSL			6 0600 (010 00
Monthly Customer Charge*	0 02000		6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SUE	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand Pe	er Month (Annua	l Option)	\$0.71753

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.84715

\$0.45463

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 03-14-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

Michigan Public Service Commission

March 17, 2014

Filed DBR

Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

18th Rev. Sheet No. E-18.00 Replaces 17th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand P	er Month (Annua	l Option)	\$0.71753

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.84715

\$0.45803

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

Demand Charge - Per Therm of Demand Per Month (Seasonal Option)

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 02-12-14 By D M Derricks Assistant Vice President Green Bay, Wisconsin

CANCELLED BY U-17279

REMOVED BY DBR

DATE 03-17-14



Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$17 \rm{th}$$ Rev. Sheet No. E-18.00 Replaces 16th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL	SUPPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Deman	d Per Month (Annua	l Option)	\$0.71753
Demand Charge - Per Therm of Deman	d Per Month (Seaso	nal Option)	\$0.84715

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-17279)

Commodity Charge - City Gate Rate Per Therm**

(14.73/14.60) = 1.0089

\$0.43123

\$0.10567

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 01-14-14
By D M Derricks
Assistant Vice President

Green Bay, Wisconsin

CANCELLED
BY
ORDER U-17279

REMOVED BY RL
DATE 02-12-14



Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$16 \, \text{th}$$ Rev. Sheet No. E-18.00 Replaces 15th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.71753
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.84715
Commodity Charge - City Gate Rate Per Therm**	\$0.41783
D1 Rate (Case No. U-17279)	\$0.10567

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 12-12-13 By D M Derricks Assistant Vice President Green Bay, Wisconsin





Effective for Service On and After: 11-01-13 Issued Under Auth. of Mich Public Serv Comm Dated: 12-06-13 In Case No: U-17279

R

MICHIGAN

MPSC Vol No 5-GAS

R R R $$15{\rm th}$$ Rev. Sheet No. E-18.00 Replaces 14th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.71753
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.84715
Commodity Charge - City Gate Rate Per Therm**	\$0.41453
D1 Rate (Case No. U-17279)	\$0.10567

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-08-13 By D M Derricks Assistant Vice President Green Bay, Wisconsin





Effective for Service On and After: 11-01-13 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17279

MICHIGAN

MPSC Vol No 5-GAS

 $$14{\rm th}$$ Rev. Sheet No. E-18.00 Replaces 13th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	<u> </u>
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.72599
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.83939
Commodity Charge - City Gate Rate Per Therm**	\$0.35416
D1 Rate (Case No. U-17060)	\$0.10972

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 12-12-12
By J F Schott
VP External Affairs
Green Bay, Wisconsin

Wisconsin

CANCELLED
BY
ORDER U-17279,U-15152

REMOVED BY RL
DATE 10-09-13



Effective for Service On and After: 11-01-12 Issued Under Auth. of Mich Public Serv Comm Dated: 11-16-12 In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

 $$13 \, \text{th}$$ Rev. Sheet No. E-18.00 Replaces 12th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	<u> </u>
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.72599
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.83939
Commodity Charge - City Gate Rate Per Therm**	\$0.34416
D1 Rate (Case No. U-17060)	\$0.10972

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-11-12 By J F Schott VP External Affairs Green Bay. Wisconsin

CANCELLED U-17060
BY
ORDER U-16850, U-15152
REMOVED BY RL
DATE 12-17-12



Effective for Service On and After: 11-01-12 Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-17060

MICHIGAN

MPSC Vol No 5-GAS

R R R $$12 \rm{th}$$ Rev. Sheet No. E-18.00 Replaces 11th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHE	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	 0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.73847
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.84815
Commodity Charge - City Gate Rate Per Therm**	\$0.46574
D1 Rate (Case No. U-16850)	\$0.10528

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 11-11-11

By J F Schott VP External Affairs Green Bay. Wisconsin

CANCELLED
BY
ORDER U-17060, U-15152

REMOVED BY RL
DATE 10-15-12

Michigan Public Service Commission

November 15, 2011

Filed LRS

Effective for Service On and After: 11-01-11 Issued Under Auth. of Mich Public Serv Comm Dated: 11-10-11 In Case No: U-16850

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	Distribution Charge	Take-or-Pay Rate	Effective Rate
Cg-TM	\$	\$	<u>s</u>
Monthly Customer Charge*	7	~ 	4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SU	PPLY BACKUP SERV	VICE	
Demand Charge - Per Therm of Demand P Demand Charge - Per Therm of Demand P Commodity Charge - City Gate Rate Per D1 Rate (Case No. U-16850)	er Month (Seasor	l Option) nal Option)	\$0.73847 \$0.84815 \$0.46574 \$0.10528

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-12-11

By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16850, U-15152

REMOVED BY RL
DATE 11-15-11

Michigan Public Service Commission

October 17, 2011

Filed LRS

Effective for bills rendered For November 2011-October 2012 billing months. Issued Under Auth. Of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16850

MICHIGAN

MPSC Vol No 5-GAS

10th Rev. Sheet No. E-18.00 Replaces 9th Rev. Sheet No. E-18.00 $\,$

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE S	CHEDULE GT Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*	- <u>-</u>		4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL	SUPPLY BACKUP SER	VICE	
Demand Charge - Per Therm of Demand	l Per Month (Annua	l Option)	\$0.71463
Demand Charge - Per Therm of Demand	l Per Month (Seaso:	nal Option)	\$0.84603
Commodity Charge - City Gate Rate F	er Therm**		\$0.51718
D1 Rate (Case No. U-16390)			\$0.10323

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

Issued: 02-10-11 By J F Schott VP External Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-16850,U-15152

REMOVED BY RL
DATE 10-17-11

Michigan Public Service
Commission

February 14, 2011

Filed MKS

Effective for Service On and After: 11-01-10 Issued Under Auth. of Mich Public Serv Comm Dated: 02-08-11 In Case No: U-16390

^{*}This charge includes a \$140.00 per month Administrative Charge.

^{**}Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

MICHIGAN

MPSC Vol No 5-GAS

9th Rev. Sheet No. E-18.00 Replaces 8th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.71463
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.84603
Commodity Charge - City Gate Rate Per Therm**	\$0.51718
D1 Rate (Case No. U-16390)	\$0.10323

ANR-WPSC PRESSURE BASE CORRECTION:

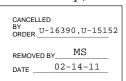
(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-13-10 By J F Schott VP External Affairs Green Bay, Wisconsin





Effective for bills rendered For November 2010-October 2011 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16390

MICHIGAN

MPSC Vol No 5-GAS

8th Rev. Sheet No. E-18.00 Replaces 7th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.0000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214
<u>Cg-TSL</u> Monthly Customer Charge* Rate Per Therm	 0.03000	 0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.65198
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.79344
Commodity Charge - City Gate Rate Per Therm**	\$0.53805
D1 Rate (Case No. U-16010)	\$0.08676

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 03-08-10 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for Service On and After: 11-01-09 Issued Under Auth. of Mich Public Serv Comm Dated: 03-02-10 In Case No: U-16010

R

MPSC Vol No 5-GAS

7th Rev. Sheet No. E-18.00 Replaces 6th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

GAS TRANSPORTATION SERVICE - RATE SCHEDULE GT

Natural Gas

	Distribution Charge	Take-or-Pay Rate	Effective Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.0000	0.08514
Cg-TL			

Monthly Customer Charge* -- -- 6.9698/212.00
Rate Per Therm 0.06214 0.00000 0.06214

 Cg-TSL
 Monthly Customer Charge*
 - - 6.9698/212.00

 Rate Per Therm
 0.03000
 0.00000
 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.65198

Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.79344

Commodity Charge - City Gate Rate Per Therm** \$0.62181

D1 Rate (Case No. U-16010) \$0.08676

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-12-09 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

Michigan Public Service Commission

October 15, 2009

Filed LS

Effective for bills rendered For November 2009 -October 2010 billing months. Issued Under Auth. of 1982 PA 304, Section 6h(9) and Mich Public Serv Comm In Case No: U-16010

MICHIGAN

MPSC Vol No 5-GAS

6th Rev. Sheet No. E-18.00 Replaces 5th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCHI	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL			
Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.06214	0.00000	0.06214
Cg-TSL Monthly Customer Charge*			6.9698/212.00
Rate Per Therm	0.03000	0.00000	0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SUI		VICE	ho 60500
Demand Charge - Per Therm of Demand Pe		_	\$0.63708
Demand Charge - Per Therm of Demand Pe		nal Option)	\$0.81448
Commodity Charge - City Gate Rate Per	Therm**		\$0.83280
D1 Rate (Case No. U-15622)			\$0.09304

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 8.0%	\$0.0020	\$0.0519	\$0.0175
>8.0%	\$0.0323	\$0.0842	\$0.0370

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 06-08-09 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

> CANCELLED BY ORDER U-16010, U-15152 REMOVED BY____RL DATE ____10-16-09



Effective for Service On and After: 07-01-09 Issued Under Auth. of Mich Public Serv Comm Dated: 06-02-09 In Case No: U-15926

R R

 $$5 \mbox{th Rev.}$$ Sheet No. E-18.00 Replaces 4th Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.63708
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.81448
Commodity Charge - City Gate Rate Per Therm**	\$0.83280
D1 Rate (Case No. U-15622)	\$0.09304

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective	
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm	
>0.0% up to 25.0%	\$0.0045	\$0.1216	\$0.0207	
>25.0%	\$0.0457	\$0.1673	\$0.1333	

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 04-30-09 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for Service On and After: 05-01-09 Issued Under Auth. of Mich Public Serv Comm Dated: 04-30-09 In Case No: U-15622

R R R

4th Rev. Sheet No. E-18.00 Replaces 3rd Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.00000	0.08514
<u>Cg-TL</u> Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.70731
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.77070
Commodity Charge - City Gate Rate Per Therm**	\$1.31364
D1 Rate (Case No. U-15622)	\$0.09304

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective	
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm	
>0.0% up to 25.0%	\$0.0045	\$0.1216	\$0.0207	
>25.0%	\$0.0457	\$0.1673	\$0.1333	

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 10-23-08
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15622, U-15152

REMOVED BY RL
DATE 05-07-09



Effective for Service
On and After: 11-01-08
Issued Under Auth. of
Mich Public Serv Comm
Dated: 03-11-08
In Case No: U-15622

R R R

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE	SCHEDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			4.8493/147.50
Rate Per Therm	0.08514	0.0000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	 0.00000	6.9698/212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	6.9698/212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.55147
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.74210
Commodity Charge - City Gate Rate Per Therm**	\$0.97067
D1 Rate (Case No. U-15350)	\$0.07001

ANR-WPSC PRESSURE BASE CORRECTION:

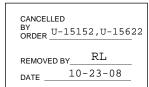
(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective	
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm	
>0.0% up to 25.0%	\$0.0045	\$0.1216	\$0.0207	
>25.0%	\$0.0457	\$0.1673	\$0.1333	

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 05-19-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin





Effective for Service
On and After: 05-01-08
Issued Under Auth. of
Mich Public Serv Comm
Dated: 03-11-08
In Case No: U-15521

R R R

MICHIGAN

MPSC Vol No 5-GAS

2nd Rev. Sheet No. E-18.00 Replaces 1st Rev. Sheet No. E-18.00

E3. Gas Transportation Service-Rates Natural Gas GAS TRANSPORTATION SERVICE - RATE SCHEDULE GT Distribution Take-or-Pay Effective Charge Rate Rate \$ \$ \$ Daily/Monthly Customer Charge* 4.8493/147.50 Rate Per Therm 0.08514 0.00000 0.08514 R Daily/Monthly Customer Charge* 6.9698/212.00 0.00000 Rate Per Therm 0.06214 0.06214 6.9698/212.00 Daily/Monthly Customer Charge* 0.00000 Rate Per Therm 0.03000 0.03000 PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE Demand Charge - Per Therm of Demand Per Month (Annual Option) \$0.52606 Demand Charge - Per Therm of Demand Per Month (Seasonal Option) \$0.73195 Commodity Charge - City Gate Rate Per Therm** \$0.83880

ANR-WPSC PRESSURE BASE CORRECTION:

D1 Rate (Case No. U-15350)

DAILY BALANCING SERVICE

Floor	Ceiling	Effective
te Per Therm	Rate Per Therm	Rate Per Therm
¢0 0045	<u> </u>	¢0 0207

(14.73/14.60) = 1.0089

\$0.07087

% Difference From Nomination Rate Per I \$0.0045 >0.0% up to 25.0% \$0.1216 \$0.0207 \$0.1673 >25.0% \$0.0457 \$0.1333

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 04-07-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

> CANCELLED ORDER _____ U-15521 NAPREMOVED BY 05-23-08



Effective for Service On and After: 05-01-08 Issued Under Auth. of Mich Public Serv Comm Dated: 03-11-08 In Case No: U-15521

E3. Gas Transportation Service-Rates

Natural Gas

GAS	TRANSPORTATION	SERVICE	_	RATE	SCHEDULE	GT
					Dist	ribution
					_	tharas

	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	0.03000	0.00000	212.00 0.03000

PEAK DAY BACKUP SERVICE AND ANNUAL SUPPLY BACKUP SERVICE

Demand Charge - Per Therm of Demand Per Month (Annual Option)	\$0.55147
Demand Charge - Per Therm of Demand Per Month (Seasonal Option)	\$0.74210
Commodity Charge - City Gate Rate Per Therm**	\$0.78567
D1 Rate (Case No. U-15350)	\$0.07002

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 25.0%	\$0.0045	\$0.1216	\$0.0207
>25.0%	\$0.0457	\$0.1673	\$0.1333

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 02-01-08

By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED U-15521 ORDER NAP REMOVED BY__ 04-08-08

Michigan Public Service Commission February 5, 2008 Filed

Effective for bills rendered For the November 2007 -October 2008 billing months. Issued Under Auth. of Mich Public Serv Comm Dated: 01-29-08 In Case No: U-15350

R R R R

MICHIGAN

MPSC Vol No 5-GAS (Reformatted Rate Book)

Original Sheet No. E-18.00

E3. Gas Transportation Service-Rates

Natural Gas

GAS TRANSPORTATION SERVICE - RATE SCH	EDULE GT		
	Distribution	Take-or-Pay	Effective
	Charge	Rate	Rate _
Cg-TM	\$	\$	\$
Monthly Customer Charge*			147.50
Rate Per Therm	0.08514	0.00000	0.08514
Cg-TL Monthly Customer Charge* Rate Per Therm	 0.06214	0.00000	212.00 0.06214
Cg-TSL Monthly Customer Charge* Rate Per Therm	 0.03000	0.00000	212.00 0.03000
PEAK DAY BACKUP SERVICE AND ANNUAL SUR Demand Charge - Per Therm of Demand Pe	\$0.52606		
Demand Charge - Per Therm of Demand Per Commodity Charge - City Gate Rate Per D1 Rate (Case No. U-14956)	•	nal Option)	\$0.73195 \$0.83880 \$0.07087

ANR-WPSC PRESSURE BASE CORRECTION:

(14.73/14.60) = 1.0089

DAILY BALANCING SERVICE	Floor	Ceiling	Effective
% Difference From Nomination	Rate Per Therm	Rate Per Therm	Rate Per Therm
>0.0% up to 25.0%	\$0.0045	\$0.1216	\$0.0207
>25.0%	\$0.0457	\$0.1673	\$0.1333

*This charge includes a \$140.00 per month Administrative Charge.

**Rate at the Company's city gate. The transportation Distribution Charge corresponding to the customer's rate class (from above) must be added to calculate the effective rate for deliveries to the customer's meter. This rate is subject to adjustment pursuant to the GCR Factor Adjustment Mechanism on Sheet No. D-6.00.

Issued: 01-28-08 By J F Schott VP Regulatory Affairs Green Bay, Wisconsin

CANCELLED
BY
ORDER U-15350, U-15152

REMOVED BY RL
DATE 02-05-08



Effective for Service On and After: 10-10-07 Issued Under Auth. of Mich Public Serv Comm Dated: 10-09-07 In Case No: U-15152